

5200 SERIES

Gear Lawn Tractor

16 HP Tractor

Mfg. No. 1691030

Mfg. No. 1691031

12.5 HP Tractor

Mfg. No. 1691175

Mfg. No. 1691238

12 HP Tractor

Mfg. No. 1691272

11 HP Tractor

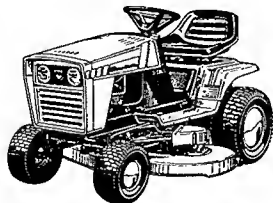
Mfg. No. 1691095

36" Mower

Mfg. No. 1690839

42" Mower

Mfg. No. 1690708



PARTS MANUAL

Simplicity®

Product Identification:

When ordering parts, keep your products serial number and manufacturer's number in mind. Variations may occur in a part between early and later model products, causing the product serial number to be listed in the parts description whenever these variations occur.

Record your I.D. numbers here for quick, future reference.

Product Mfg. No. _____ S/N _____ Mower Mfg. No. _____ S/N _____

Attention:

Standard torques appear in a chart at the end of the manual, while important individual torques are given on specific parts drawings.

CRITICAL and MAJOR notations point out important facts or instructions which relate to personal safety and proper machine operation. Any CRITICAL notation **C** which may appear in this book, pinpoints characteristics which, if not properly followed, can create a safety hazard. Any MAJOR notation **M** which may appear in this book, marks characteristics which, if not properly followed, may result in operating failure, shortened product life, or greatly reduced quality of the unit.

For your convenience, assembly notes are included in parts drawings to assist in repair and assembly of unit.

NOTE: Specifications may change without notice.

SIMPLICITY PRODUCTS FOR THE PROPER CARE OF EQUIPMENT
These genuine *Simplicity* products will help the owner extend the life of his equipment.

OILS - SPECIFICALLY BLENDED OF HIGH QUALITY BASE OILS & ADDITIVES.

Special Worm Gear (Roticut) Oil for use in all tillers and snowthrowers with worm gear auger drive. Required for protection of brass gears and mating parts. **Case of 12 Quarts, Part #1685100, Individual Quarts 118065.**

Multi-Purpose Hydraulic/Transmission Oil for use in most hydraulic applications, and hydrostatic and gear transmissions. Specific *Simplicity* applications: All hydrostatic transmissions, all bevel gear cases, all Broadmoor, Landlord, Sovereign, 4000, 6000, 7000 transmissions (except Peerless Gear Transmissions). (Not used in SunStar tractor transmission.) **Case of 12 Quarts, Part #1685516, 2½ Gallon Container, Part #1685539.**

2-Cycle Engine Oil, a premium lubricant for all 2-cycle air-cooled engines. **Case of 12 Part #1685517.**

SAE 5W 30 SF/CD Cold Weather Engine Oil for use in all four cycle and diesel engines at 30° temp. and under. **Case of 12 Quarts, Part # 1685576.**

SAE 15W40 SF/CD Engine Oil for gas and diesel engines, warm weather; see engine manufacturer recommendations. **Case of 12 Quarts, Part #1685554.**

Grease Gun Kit has 12" flexible hose to get into tight spots with ease. Kit contains: gun and 1-8 oz. tube of grease, **Part #1685510.** For replacement tube, order **Part # 103077.**

Pneumatic Tire Seal, seals all leaks including bead leaks and punctures up to 3/16 inch diameters. Prevents flats for tread life of tire. Available in following amounts.

Case of 12 - 11 Oz. Tubes 1685537
Case of 24 - 11 Oz. Tubes 1685525
5 Gallon Pail 1685527

Touch-Up Paint keeps equipment in showroom condition.

| Spray Cans | Quarts | Daubbers 12/Ctn. |
|---|---------|--|
| *Simplicity Orange - 103262 (12 cans/1685179) | 1685037 | 1685520 - Mixed (6 Simp. Orange, 6 White) |
| **Classic Orange - 1685558 (12 cans/1685559) | 1685560 | 1685562 - Mixed (6 Classic Orange, 6-White) |
| White 103049 (12 cans/1685178) | 1685032 | 1685562 - Mixed (6-Classic Orange, 6-White) 1685520 - Mixed (6-Simp. Orange, 6-White) |
| Black - 1685551 (12 Cans/1685552) | N.A. | N.A. |
| *For 1977 thru early 1986 products. **For products produced after 12/1/85. | | |

Simplicity Designer Seat Covers are double stitched, easy care vinyl. Keeps new seats new, makes worn seats look new.

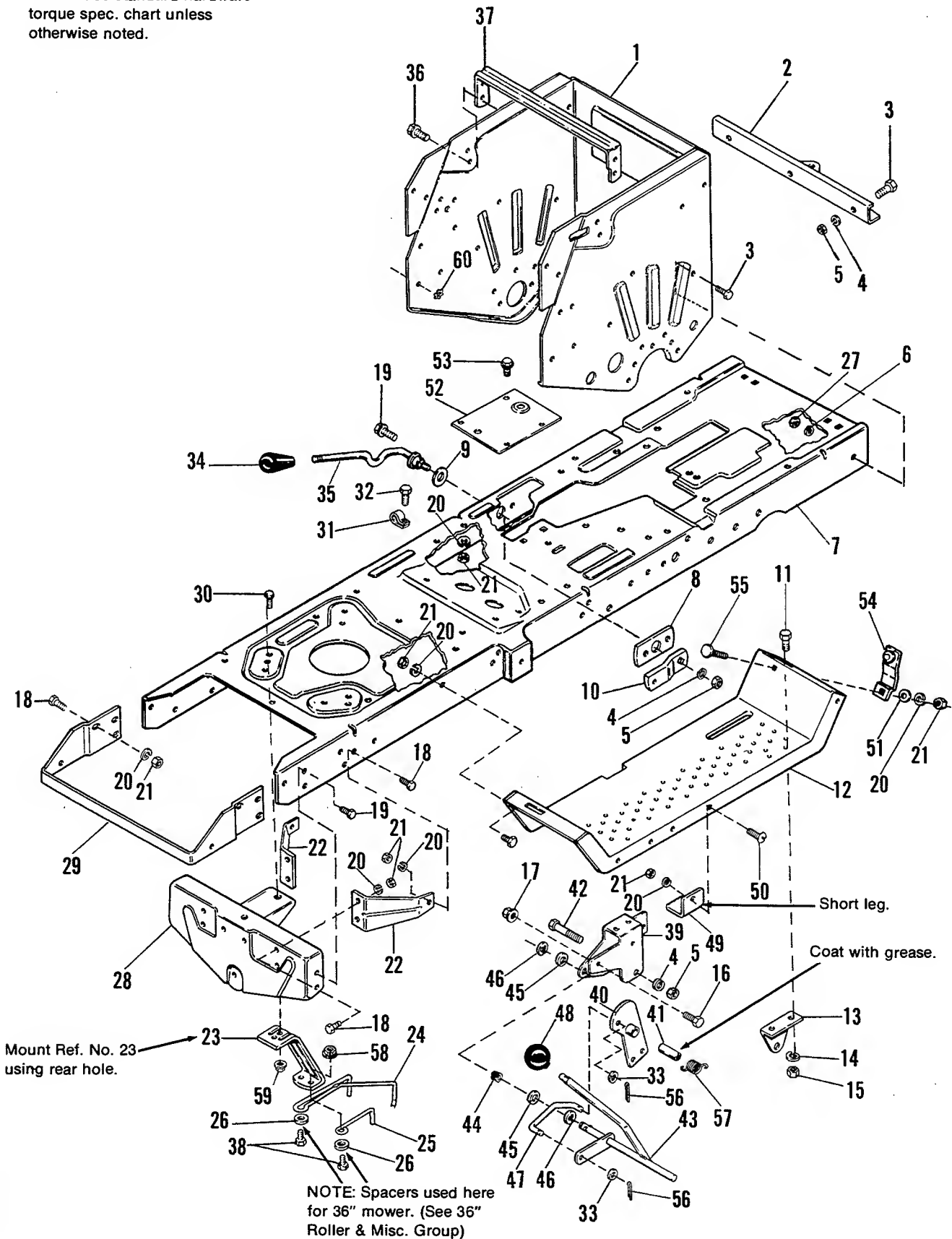
- **Small Cover for 4000, 5000, & 6100 Tractors** 1685540
- **Large Cover for 6200, 7000 & 9000 Tractors** 1685541
- **SunStar Seat Cover** 1685577

Extend Equipment Life - Use Only Genuine *Simplicity* Parts

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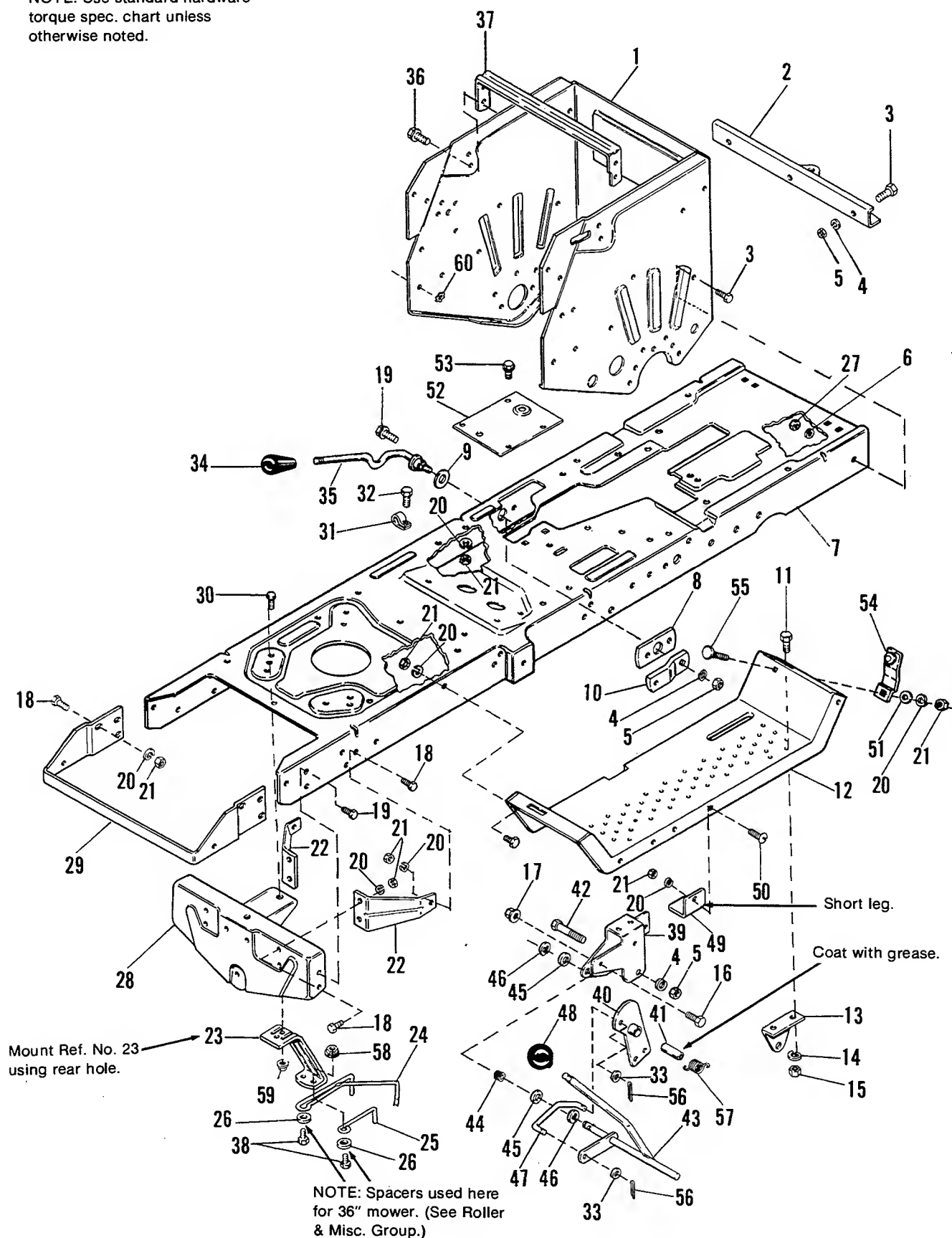
NOTE: Use standard hardware torque spec. chart unless otherwise noted.



| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 1671749 | 1 | SUPPORT, Axle, Wrapper |
| 2 | 1655591 | 1 | BAR, Draw |
| 3 | 921210 | 9 | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 4 | 1916965 | 4 | LOCKWASHER, 3/8 |
| 5 | 1916950 | 4 | NUT, Hex, Full, 3/8-16 |
| 6 | 916965 | 6 | LOCKWASHER, 3/8, Zinc Pltd. |
| 7 | 1674420 | 2 | FRAME |
| 8 | 1656754 | 1 | BAR, Support |
| 9 | 156116 | 1 | WASHER, Nylon |
| 10 | 1656755 | 1 | ARM, Support |
| 11 | 921959 | 2 | CAPSCREW, Hex Hd., 1/4-20 x 5/8 |
| 12 | 1674141 | 2 | FOOTREST |
| 13 | 1654783 | 1 | SUPPORT, Clutch |
| 14 | 1916964 | 2 | LOCKWASHER, 1/4 |
| 15 | 1916622 | 2 | NUT, Hex, Full 1/4-20 |
| 16 | 936517 | 2 | CAPSCREW, Hex, Wash. Hd., 1/4-20 x 5/8 |
| 17 | 1930641 | 2 | NUT, Flange, Whizlock, 1/4-20 |
| 18 | 1921332 | 20 | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 19 | 1664847 | 4 | SCREW, Hex, Taptite, 5/16-18 x 3/4 |
| 20 | 1917356 | 26 | LOCKWASHER, 5/16 |
| 21 | 1917372 | 26 | NUT, Hex, Full, 5/16-18 |
| 22 | 1655076 | 2 | BRACE, Axle Support |
| 23 | 1665803 | 1 | SUPPORT |
| 24 | 1672118 | 1 | STOP, Belt |
| 25 | 1665812 | 1 | STOP, Belt |
| 26 | 1917377 | 1 | WASHER, Plain, 1/4 |
| 27 | 916950 | 6 | NUT, Hex, 3/8-16, Zinc Pltd. |
| 28 | 1663855 | 1 | SUPPORT, Axle |
| 29 | 1666954 | 1 | SUPPORT, Hood |
| 30 | 1930595 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |

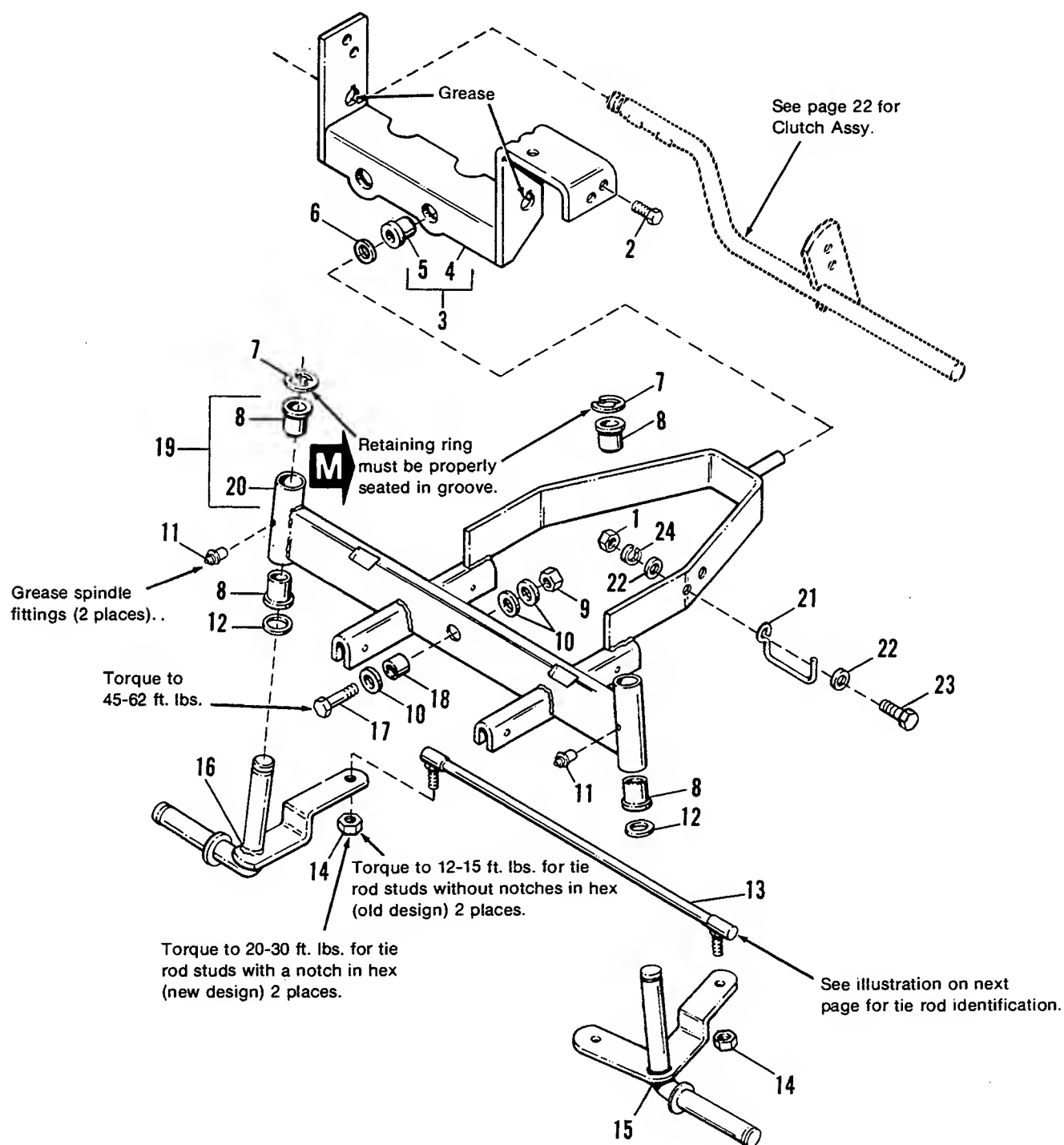
NOTE: Ref. Nos. 31-60 found on the following page.

NOTE: Use standard hardware torque spec. chart unless otherwise noted.



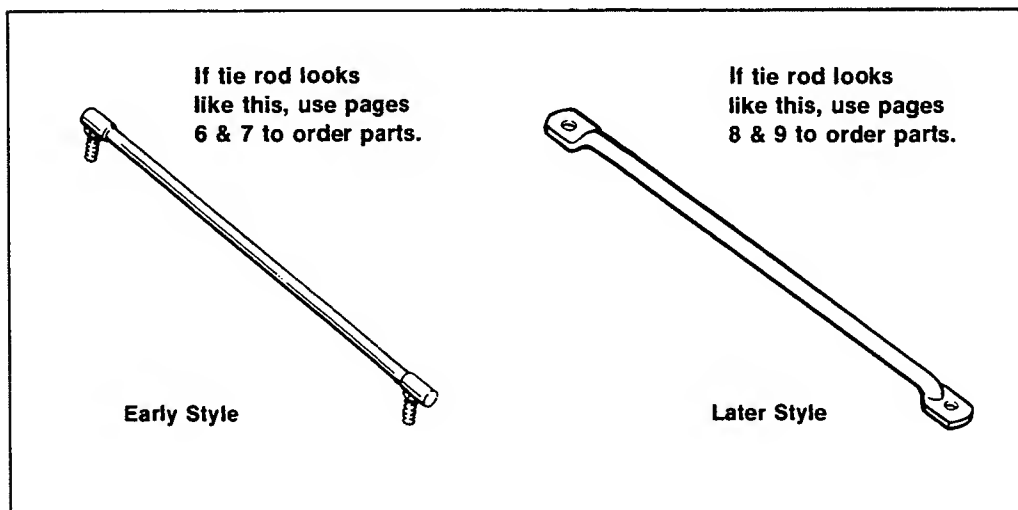
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 31 | 122186 | 1 | CLAMP |
| 32 | 1921977 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1-1/4 |
| 33 | 1924940 | 2 | WASHER, Plain |
| 34 | 172038 | 1 | KNOB |
| 35 | 1673204 | 1 | HANDLE, Lift |
| 36 | 1924856 | 6 | SCREW, Hex, Wash. Hd., Taptite, 5/16-18 x 1/2 |
| 37 | 1654707 | 1 | BRACE, Seat |
| 38 | 1923325 | 2 | CAPSCREW, Taptite, 5/16-18 x 7/8 |
| 39 | 1669113 | 1 | BRACKET, P.T.O. |
| 40 | 1669108 | 1 | ARM ASSY., P.T.O. Rod |
| 41 | 1669105 | 1 | SPACER |
| 42 | 1922130 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 2-1/4 |
| 43 | 1669112 | 1 | HANDLE ASSY., P.T.O. |
| 44 | 1669197 | 1 | BUSHING |
| 45 | 153072 | 2 | WASHER |
| 46 | 158399 | 2 | RING, Snap |
| 47 | 1669104 | 1 | LINK, P.T.O. |
| 48 | 8021050 | 1 | KNOB |
| 49 | 1669168 | 2 | UP-STOP, Mower |
| 50 | 1918249 | 2 | SCREW, Truss Hd., Slotted, 5/16-18 x 3/4 |
| 51 | 1917642 | 2 | WASHER |
| 52 | 1668970 | 1 | PLATE, Adapter |
| 53 | 925003 | 4 | SCREW, Taptite, 1/4-20 x 1/2 |
| 54 | 1672075 | 2 | LATCH ASSY. |
| 55 | 1931333 | 2 | BOLT, Carriage, 5/16-18 x 3/4 |
| 56 | 1918447 | 2 | PIN, Cotter, 3/32 x 3/4 |
| 57 | 1669339 | 1 | SPRING |
| 58 | 935048 | 2 | NUT, Lock, Hex Fl. 5/16-8 |
| 59 | 1927557 | 1 | NUT, Hex Fl., Whizlock, 5/16-18 |
| 60 | 920427 | 6 | LOCKWASHER, Ext., 3/8 Zinc Pltd. |

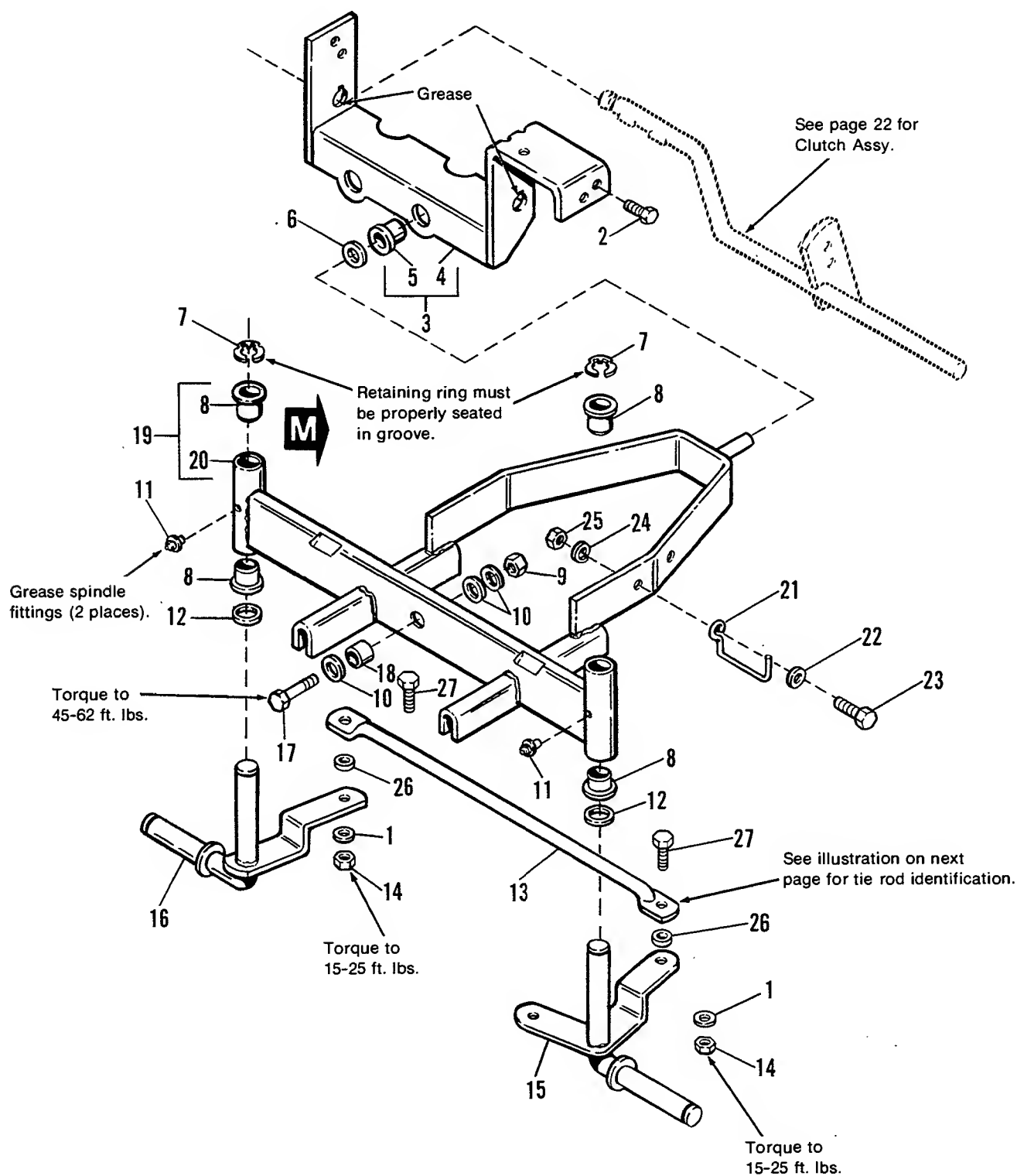
NOTE: Ref. Nos. 1-30 found on the preceding page.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

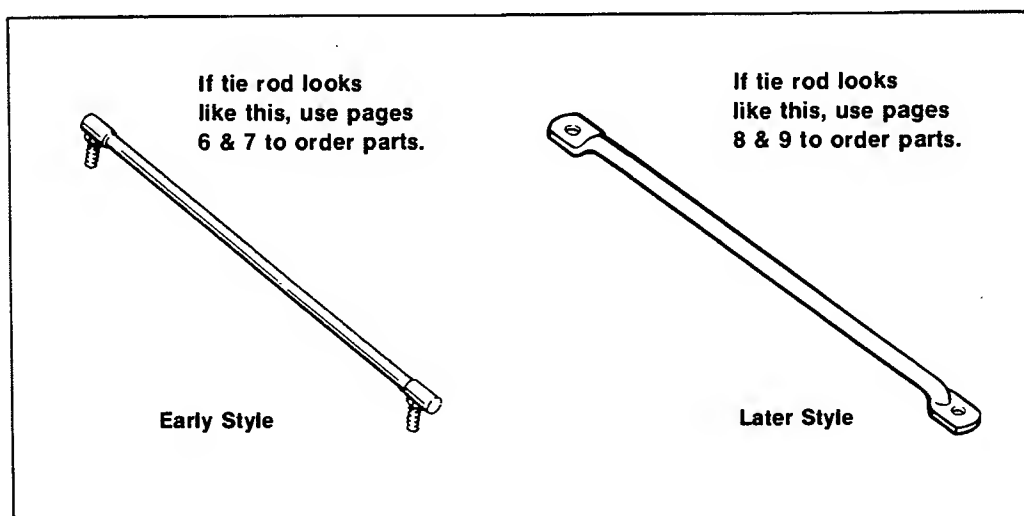
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|--|
| 1 | 1917372 | 1 | NUT, Hex, 5/16-18 |
| 2 | 1664847 | 5 | SCREW, Hex, Taptite, 5/16-18 x 3/4 |
| 3 | 1665601 | 1 | SUPPORT ASSY., Axle, Rear w/Bushing (Incl. Ref. Nos. 4 & 5) |
| 4 | | 1 | SUPPORT ASSY., Axle, Rear (See Ref. No. 3) |
| 5 | 1663114 | 1 | BUSHING |
| 6 | 1919387 | 1 | WASHER, 3/8 |
| 7 | 927794 | 2 | E-RING |
| 8 | 176440 | 4 | BUSHING |
| 9 | 1930648 | 1 | LOCKNUT, Hex, 1/2-13 |
| 10 | 1926192 | 3 | WASHER, 9/16 |
| 11 | 921133 | 2 | FITTING, Grease |
| 12 | 1960114 | 2 | WASHER |
| 13 | 1667247 | 1 | ROD ASSY., Tie |
| 14 | 1668927 | 2 | LOCKNUT, Hex, 3/8-24 |
| 15 | 1665080 | 1 | SPINDLE ASSY., L.H. |
| 16 | 1665079 | 1 | SPINDLE ASSY., R.H. |
| 17 | 1921525 | 1 | CAPSCREW, Hex Hd., 1/2-13 x 1-1/2 |
| 18 | 1671260 | 1 | SPACER |
| 19 | 1685227 | 1 | AXLE ASSY., Front (Incl. Ref. Nos. 8 & 20) |
| 20 | | 1 | AXLE SUB ASSY., (See Ref. No. 19) |
| 21 | 1668147 | 1 | GUIDE, Drag Link |
| 22 | 1917642 | 2 | WASHER, 5/16 |
| 23 | 1921333 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 24 | 1917356 | 1 | LOCKWASHER, 5/16 |

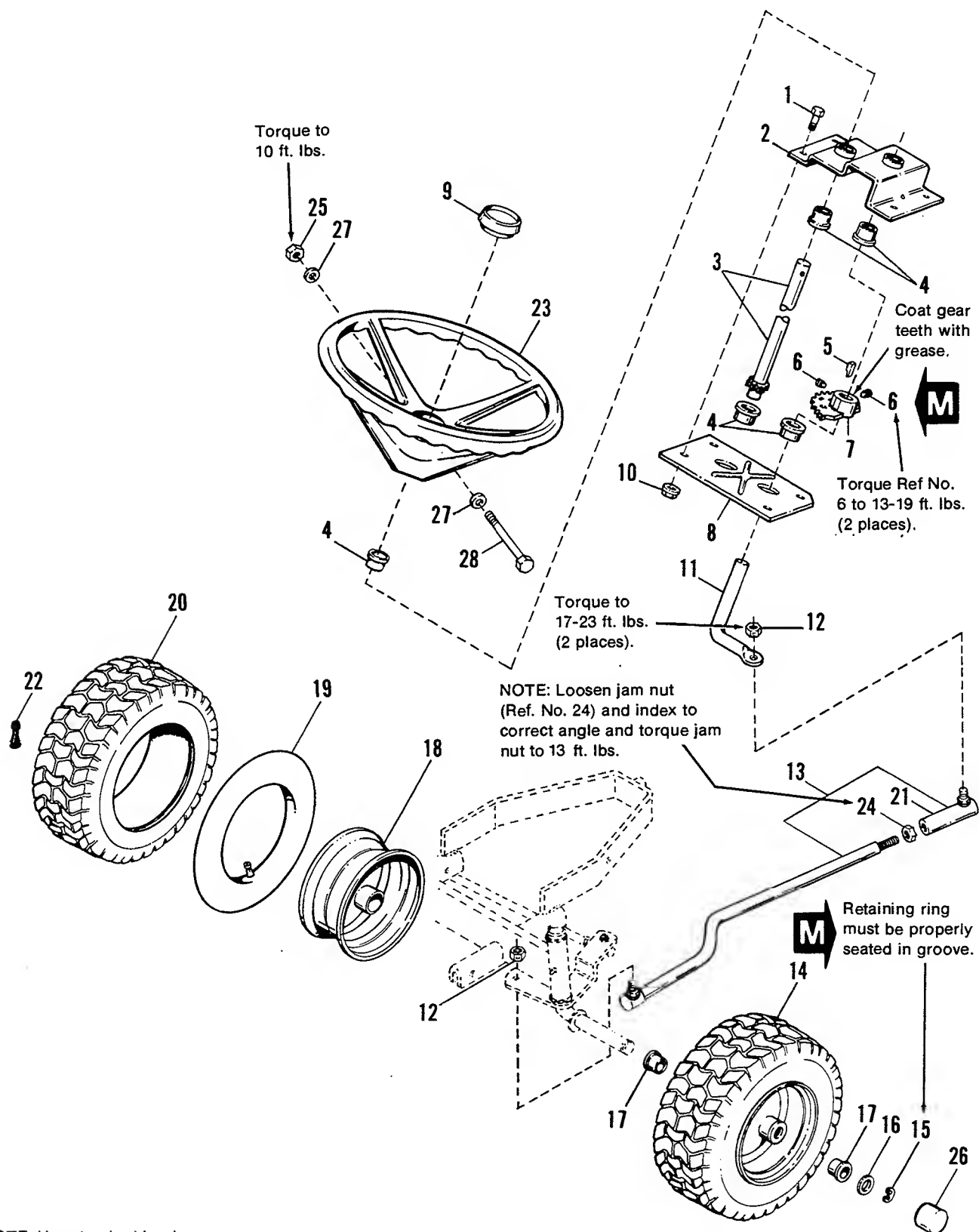




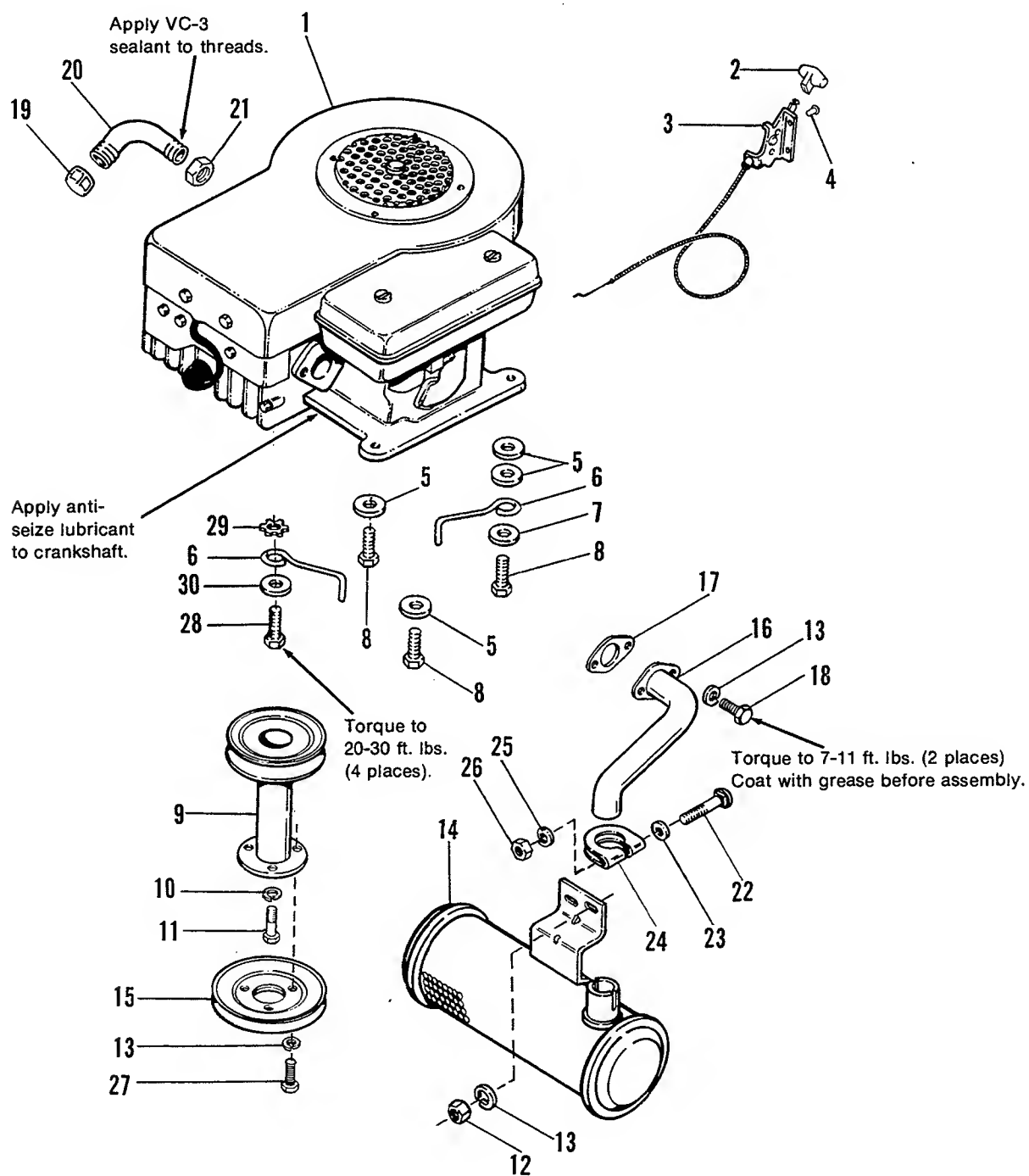
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|--|
| 1 | 1924940 | 2 | WASHER |
| 2 | 1664847 | 5 | SCREW, Hex, Taptite, 5/16-18 x 3/4 |
| 3 | 1665601 | 1 | SUPPORT ASSY., Axle, Rear w/Bushing (Incl. Ref. Nos. 4 & 5) |
| 4 | | 1 | SUPPORT ASSY., Axle, Rear (See Ref. No. 3) |
| 5 | 1663114 | 1 | BUSHING |
| 6 | 1919387 | 1 | WASHER, 3/8 |
| 7 | 1611710 | 2 | E-RING |
| 8 | 176440 | 4 | BUSHING |
| 9 | 1930648 | 1 | LOCKNUT, Hex, 1/2-13 |
| 10 | 1926192 | 3 | WASHER, 9/16 |
| 11 | 921133 | 2 | FITTING, Grease |
| 12 | 1960114 | 2 | WASHER |
| 13 | 1611715 | 1 | ROD ASSY., Tie |
| 14 | 1930651 | 2 | LOCKNUT, Hex, 3/8-16 |
| 15 | 1677133 | 1 | SPINDLE ASSY., L.H. |
| 16 | 1677131 | 1 | SPINDLE ASSY., R.H. |
| 17 | 1921525 | 1 | CAPSCREW, Hex Hd., 1/2-13 x 1-1/2 |
| 18 | 1671260 | 1 | SPACER |
| 19 | 1611709 | 1 | AXLE ASSY., Front (Incl. Ref. Nos. 8 & 20) |
| 20 | | 1 | AXLE SUB ASSY., (See Ref. No. 19) |
| 21 | 1668147 | 1 | GUIDE, Drag Link |
| 22 | 1917642 | 2 | WASHER, 5/16 |
| 23 | 1921333 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 24 | 1917356 | 1 | LOCKWASHER, 5/16 |
| 25 | 1917372 | 1 | NUT, Hex, 5/16-18 |
| 26 | 1611705 | 2 | SPACER |
| 27 | 1921210 | 2 | CAPSCREW, 3/8-16 x 1 |





| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 921332 | 4 | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 2 | 1667513 | 1 | PLATE, Steering |
| 3 | 1674140 | 1 | SHAFT ASSY., Steering |
| 4 | 176440 | 5 | BUSHING |
| 5 | 1667622 | 1 | KEY |
| 6 | 1928721 | 2 | SETSCREW, 5/16-18 x 1/2 |
| 7 | 1675388 | 1 | GEAR, Steering |
| 8 | 1652743 | 1 | PLATE, Base, Steering |
| 9 | 1657017 | 1 | CAP, Steering Wheel |
| 10 | 1935048 | 4 | LOCKNUT, Hex, Flange, 5/16-18 |
| 11 | 1674076 | 1 | ROD, Steering |
| 12 | 1668927 | 2 | NUT, Special, 3/8-24 |
| 13 | 1674388 | 1 | LINK ASSY., Drag (Incl. Ref. No. 21 & 24) |
| 14 | 1653617 | 2 | WHEEL & TIRE ASSY. |
| 15 | 1611710 | 2 | KLIPRING, Ext., 3/4 Dia. |
| 16 | 960202 | 2 | WASHER |
| 17 | 156316 | 4 | BEARING |
| 18 | 1653615 | 2 | WHEEL ASSY. 15 x 6.00-6 (Incl. Ref. No. 17) |
| 19 | 1664090 | 2 | TUBE, 4.10/3.50-6 (For Service Only) |
| 20 | 1653618 | 2 | TIRE, (Carlisle) 15 x 6.00-6 |
| 21 | 1669567 | 1 | BALL JOINT ASSY. |
| 22 | 172353 | 2 | VALVE STEM & CAP |
| 23 | 1670989 | 1 | WHEEL, Steering, Bolt Mounted |
| 24 | 1918403 | 1 | NUT, Jam 3/8-24 |
| 25 | 1923362 | 1 | LOCKNUT, Hex, 5/16-18 |
| 26 | 1673333 | 2 | HUB CAP, Threaded |
| 27 | 1919326 | 2 | WASHER, Plain |
| 28 | 1925690 | 1 | BOLT, 5/16-18 x 3-1/2 |



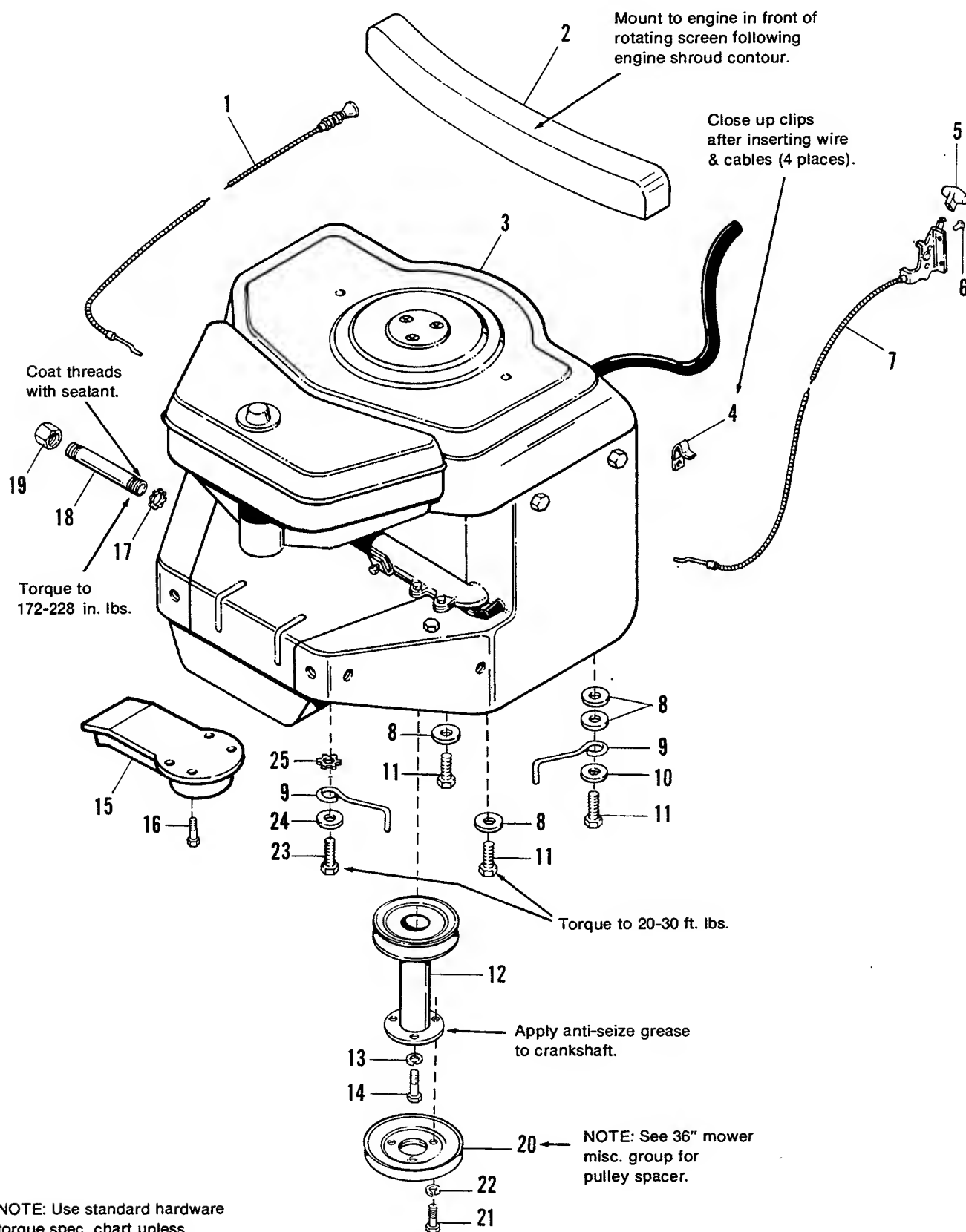
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | | 1 | *ENGINE, 11 H.P. |
| | | 1 | *ENGINE, 12 H.P. |
| 2 | 1656099 | 1 | KNOB, Throttle |
| 3 | 1657272 | 1 | CONTROL ASSY., Throttle |
| 4 | 960241 | 2 | RIVET, Pop, 1/4 |
| 5 | 1922755 | 5 | WASHER, Plain, 3/8 |
| 6 | 1674558 | 2 | STOP, Belt |
| 7 | 1917378 | 2 | WASHER, 3/8 |
| 8 | 1930598 | 3 | SCREW, Taptite, 3/8-16 x 1-1/2 |
| 9 | 1669749 | 1 | PULLEY ASSY., Engine |
| 10 | 1918199 | 1 | LOCKWASHER, 7/16 |
| 11 | 1928038 | 1 | CAPSCREW, Hex, 7/16-20 x 1-1/4 |
| 12 | 1917372 | 2 | NUT, Hex, 5/16-18 |
| 13 | 1917356 | 8 | LOCKWASHER, 5/16 |
| 14 | 1669143 | 1 | MUFFLER |
| 15 | 1669752 | 1 | PULLEY |
| 16 | 1669146 | 1 | PIPE, Exhaust |
| 17 | 1650670 | 1 | GASKET, Muffler |
| 18 | 1921332 | 2 | CAPSCREW, Hex, 5/16-18 x 3/4 |
| 19 | 1667346 | 1 | CAP, Pipe |
| 20 | 1658032 | 1 | PIPE, Oil Drain (Incl. Ref. Nos. 19 & 21) |
| 21 | 1932849 | 1 | LOCKNUT, Conduit |
| 22 | 1931342 | 1 | BOLT, Carriage 5/16-18 x 3-2//4 |
| 23 | 1917642 | 1 | WASHER, 5/16 |
| 24 | 1676183 | 1 | CLAMP |
| 25 | 1917356 | 1 | LOCKWASHER, 5/16 |
| 26 | 1917372 | 1 | NUT, Hex, 5/16-18 |
| 27 | 1921677 | 3 | CAPSCREW, Hex Hd., 5/16-18 x 1-1/2 Full Thrd. |
| 28 | 930598 | 1 | SCREW, Taptite, 3/8-16 x 1-1/2 Zinc Plt. |
| 29 | 920427 | 1 | LOCKWASHER, Ext., 3/8, Zinc Plt. |
| 30 | 922755 | 1 | WASHER, 3/8 Zinc Plt. |

*Use *Simplicity* SAE 5W30 Cold Weather Engine Oil for operation under 32° F. Part Number 1685576, case of 12 qts.

OR

Use *Simplicity* SAE 15W40 SF/CD Engine Oil for operation above 32° F. Part Number 1685554, case of 12 qts.

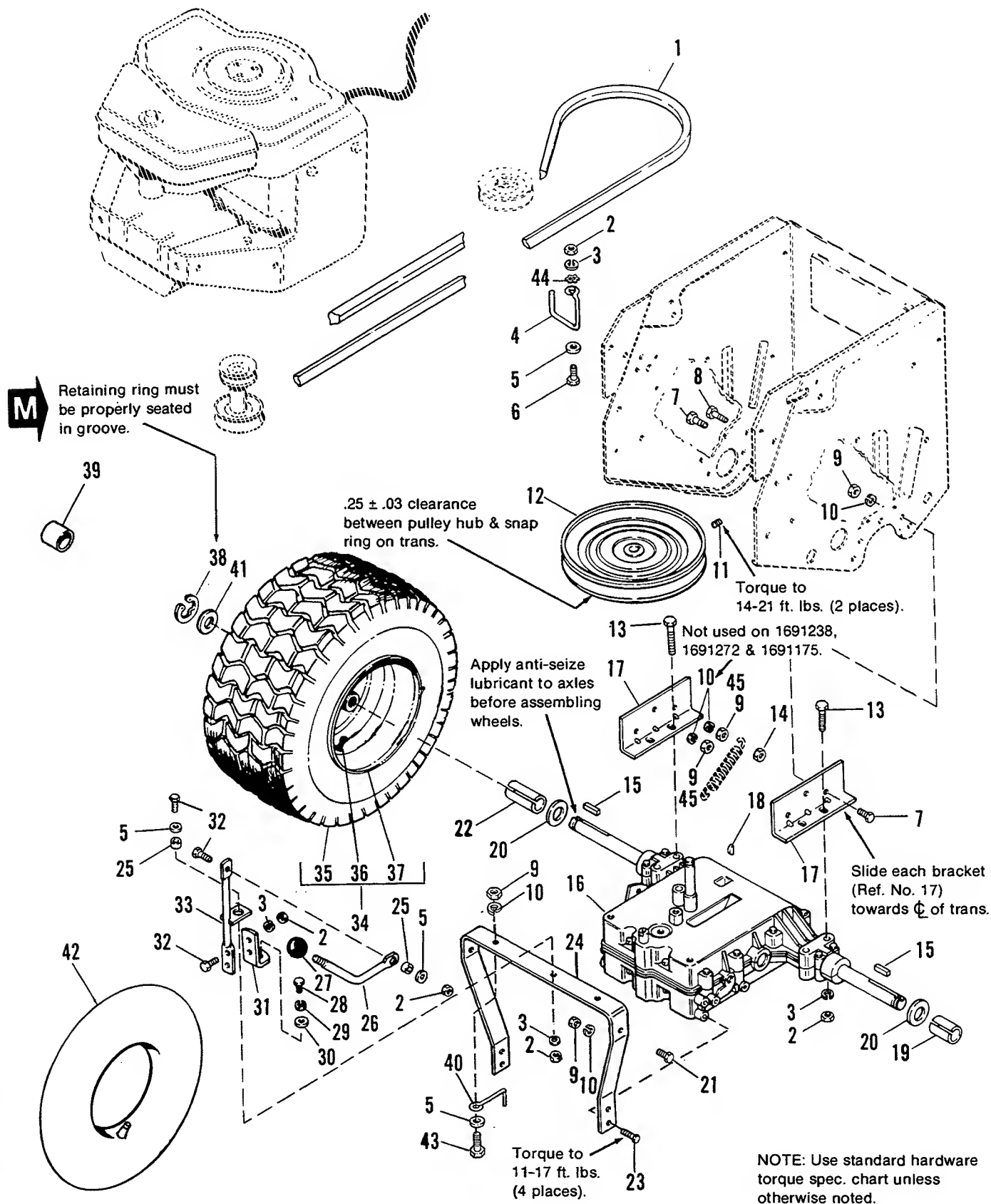


| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 1667748 | 1 | CONTROL, Choke |
| 2 | 1665752 | 1 | BAFFLE, Engine, Rear |
| 3 | | 1 | *ENGINE, 16 H.P. |
| | | 1 | *ENGINE, 12.5 H.P. |
| 4 | 1666835 | 4 | CLIP, Wire |
| 5 | 1656099 | 1 | KNOB, Throttle |
| 6 | 960241 | 2 | RIVET, Pop, 1/4 |
| 7 | 1668047 | 1 | CONTROL ASSY. |
| 8 | 1924356 | 5 | WASHER, Plain |
| 9 | 121073 | 2 | STOP, Belt |
| 10 | 1917378 | 2 | WASHER, Plain, 3/8 |
| 11 | 1930598 | 3 | SCREW, Taptite, 3/8-16 x 1-1/2 |
| 12 | 1669749 | 1 | PULLEY ASSY., Engine |
| 13 | 1918199 | 1 | LOCKWASHER, 7/16 |
| 14 | 1928038 | 1 | CAPSCREW, Hex, 7/16-20 x 1-1/4 |
| 15 | 1666787 | 1 | EXTENSION ASSY., Muffler |
| 16 | 1934940 | 4 | SCREW, Hex Thd., Cutting, #8-32 x 3/8 |
| 17 | 1932849 | 1 | LOCKNUT, Conduit |
| 18 | 1670680 | 1 | PIPE, Oil Drain |
| 19 | 1667346 | 1 | PIPE, Cap, Hex |
| 20 | 1669752 | 1 | PULLEY |
| 21 | 1921677 | 3 | CAPSCREW, Hex, 5/16-18 x 1-1/2 |
| 22 | 1917356 | 3 | LOCKWASHER, 5/16 |
| 23 | 930598 | 1 | SCREW, Taptite, 3/8-16 x 1-1/2 Zinc Plt. |
| 24 | 924356 | 1 | WASHER, Zinc Plt. |
| 25 | 920427 | 1 | LOCKWASHER, Ext. Tooth, Zinc Plt. |

*Use *Simplicity* SAE 5W30 Cold Weather Engine Oil for operation under 32° F. Part Number 1685576, case of 12 qts.

OR

Use *Simplicity* SAE 15W40 SF/CD Engine Oil for operation above 32° F. Part Number 1685554, case of 12 qts.

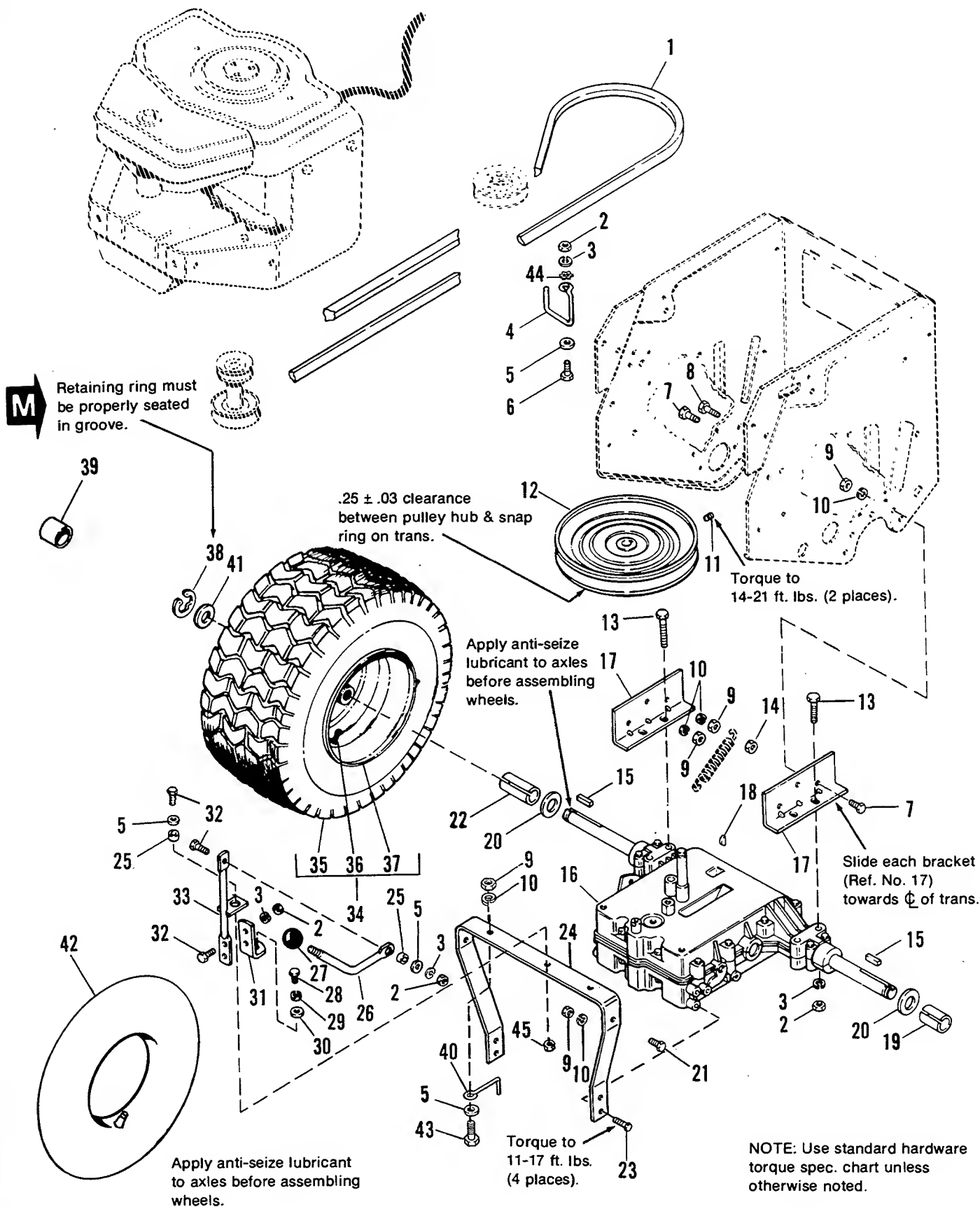


Rear Tires & Drive Group

Simplicity

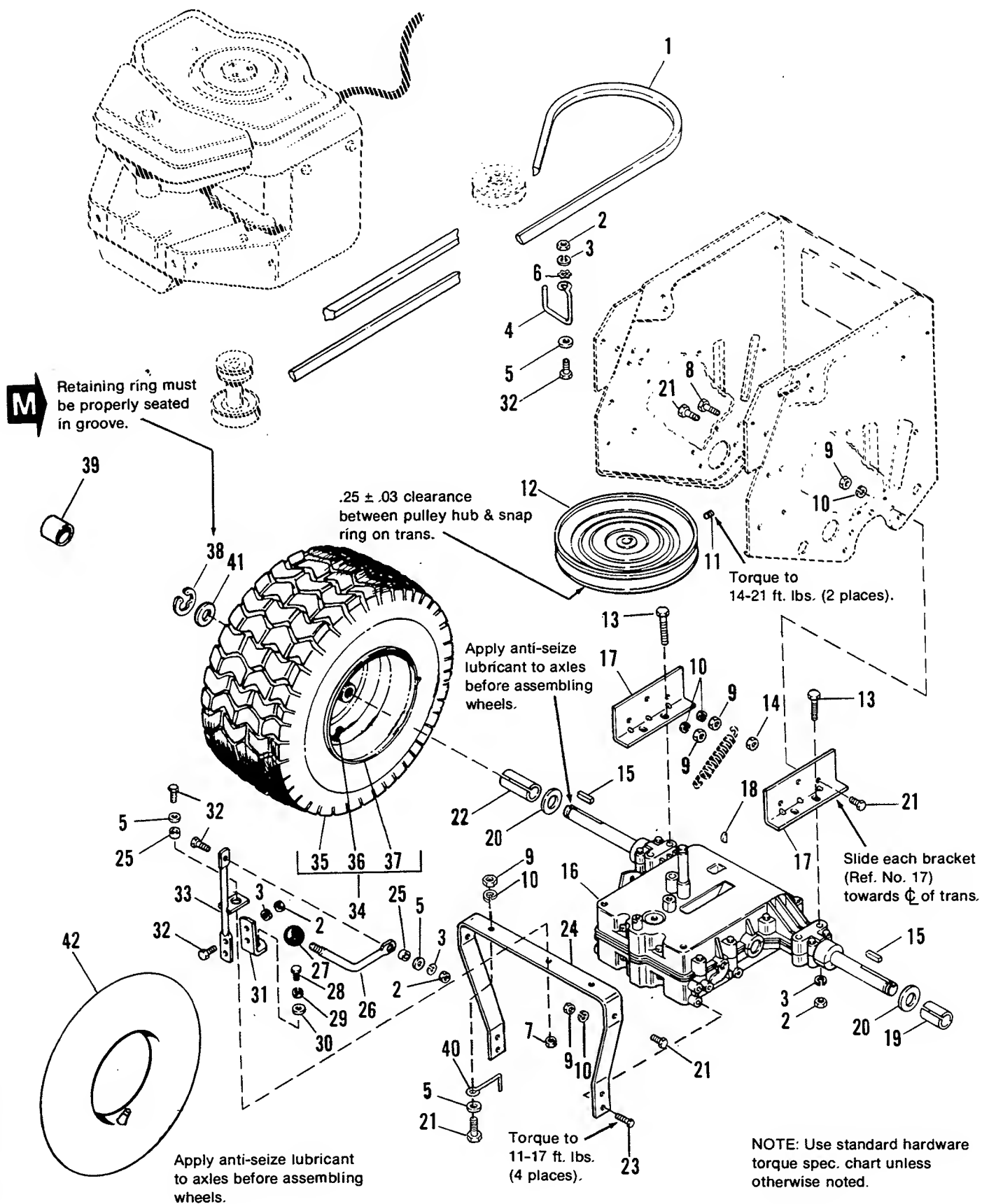
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 1677097 | 1 | V-BELT, Transmission Drive (1691095 & 1691272) |
| | 1655069 | 1 | V-BELT, Transmission Drive (1691175 & 1691238) |
| 2 | 1917372 | 7 | NUT, Hex, Full, 5/16-18 (Qty. 9 on 1691095) |
| 3 | 1917356 | 7 | LOCKWASHER, 5/16 (Qty. 9 on 1691095) |
| 4 | 1666709 | 1 | STOP, Belt |
| 5 | 1917642 | 5 | WASHER, Plain, 5/16 |
| 6 | 1921333 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 7 | 1921965 | 5 | CAPSCREW, Hex Hd., 3/8-16 x 3/4 |
| 8 | 1920415 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 9 | 1916950 | 8 | NUT, Hex, Full, 3/8-16 (Qty. 10 on 1691095) |
| 10 | 1916965 | 8 | LOCKWASHER, 3/8 (Qty. 10 on 1691095) |
| 11 | 1930540 | 2 | SETSCREW, 5/16-18 x 5/8 |
| 12 | 1666693 | 1 | PULLEY ASSY., Transmission |
| 13 | 1921719 | 4 | CAPSCREW, Hex Hd., 5/16-18 x 2-1/2 |
| 14 | 1930651 | 1 | LOCKNUT, Hex, 3/8-16 |
| 15 | 8221042 | 2 | KEY, 3/16 x 3/16 x 1-1/2 |
| *16 | | 1 | TRANSAXLE, 5 Speed |
| 17 | 1666632 | 2 | SUPPORT, Transmission, Rear |
| 18 | 905123 | 1 | KEY, Woodruff, #9 |
| 19 | 1667191 | 1 | SPACER |
| 20 | 1960114 | 2 | WASHER |
| 21 | 1921966 | 4 | CAPSCREW, Hex Hd., 3/8-16 x 7/8 |
| 22 | 1667192 | 1 | SPACER |
| 23 | 1930601 | 4 | SCREW, Hex, Taptite, 5/16-18 x 5/8 |
| 24 | 1666631 | 1 | SUPPORT, Transmission, Front |
| 25 | 1666697 | 2 | SPACER |
| 26 | 1666641 | 1 | ROD, Shift |
| 27 | 8021050 | 1 | KNOB, Shift |
| 28 | 1922234 | 1 | CAPSCREW, Hex Hd., 1/4-28 x 5/8 |
| 29 | 1916964 | 1 | LOCKWASHER, 1/4 |
| 30 | 1916955 | 1 | WASHER, Plain, 3/16 |
| 31 | 1666638 | 1 | LINK, Shift, Lower |
| 32 | 1923325 | 4 | CAPSCREW, Hex Hd., 5/16-18 x 7/8 |
| 33 | 1666639 | 1 | SHIFT LINK ASSY., Upper |
| 34 | 1673247 | 2 | WHEEL & TIRE ASSY. (1691095, 1691175 & 1691272 only) |
| | 1673246 | 2 | WHEEL & TIRE ASSY. (1691238 only) |
| 35 | 173456 | 2 | TIRE, 20 x 8-10 (1691095, 1691175, 1691272 only) |
| | 1665326 | 2 | TIRE, 20 x 10-10 (1691238 only) |
| 36 | 172353 | 2 | VALVE STEM & CAP |
| 37 | 1673248 | 2 | WHEEL |
| 38 | 927794 | 2 | E-RING |
| 39 | 1673333 | 2 | HUB CAP, Threaded |
| 40 | 158499 | 2 | STOP, Belt |
| 41 | 960160 | 2 | WASHER |
| 42 | 173477 | 2 | TUBE, 20 x 8-10 |
| 43 | 1921210 | 2 | CAPSCREW, Hex, 3/8-16 x 1 |
| 44 | 920427 | 1 | LOCKWASHER, Ext. Tooth (1691175, 1691238, 1691275 only) |
| 45 | 1923362 | 2 | NUT, Hex Lock (1691175, 1691238, 1691272 only) |

***NOTE: See an authorized Tecumseh dealer for parts & service;**
Peerless parts are not available thru *Simplicity*, however, an exploded
view of the Peerless transmission is shown at the end of the manual.



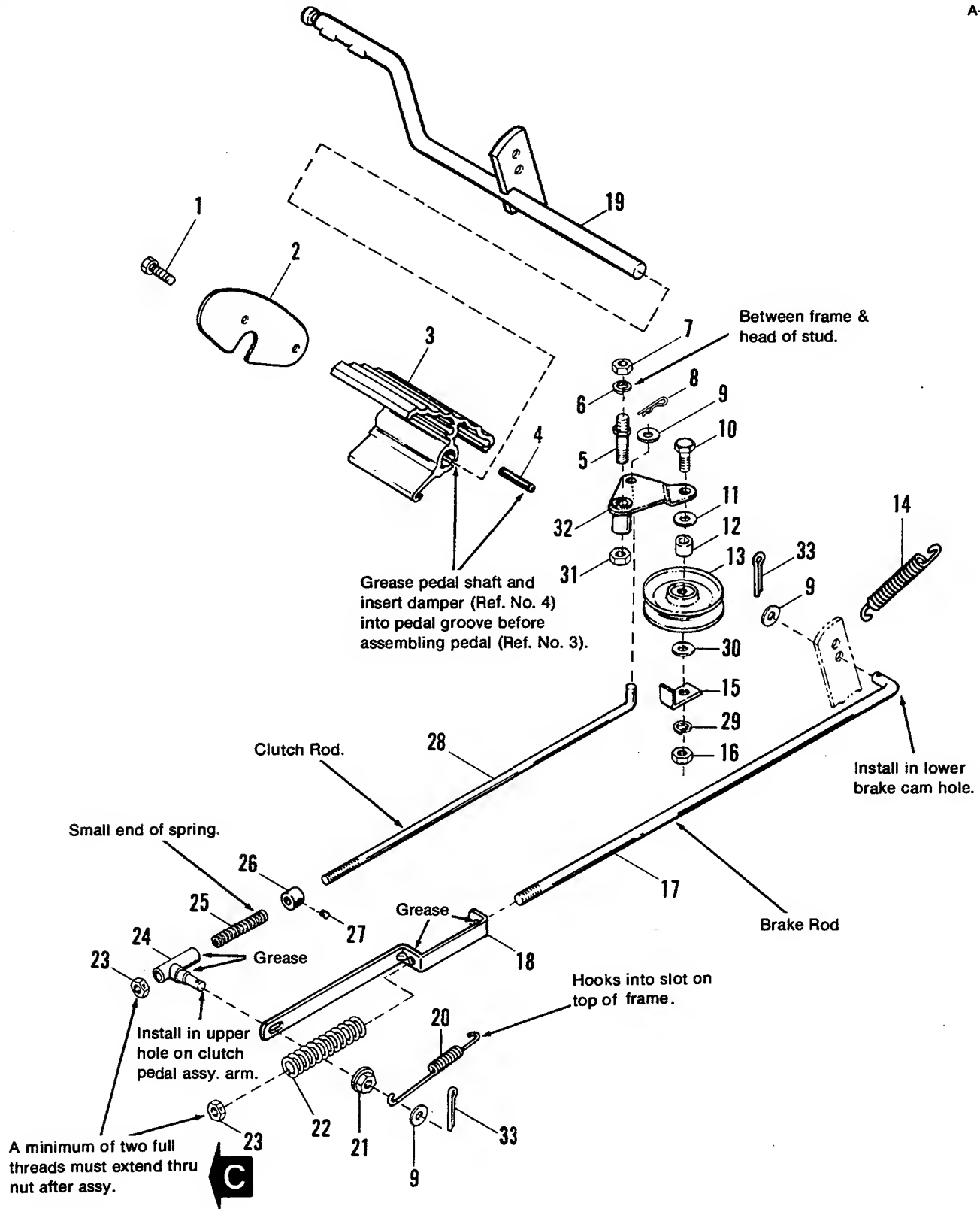
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|------------------------------------|
| 1 | 1655069 | 1 | V-BELT, Transmission Drive |
| 2 | 1917372 | 8 | NUT, Hex, Full, 5/16-18 |
| 3 | 1917356 | 8 | LOCKWASHER, 5/16 |
| 4 | 1666709 | 1 | STOP, Belt |
| 5 | 1917642 | 5 | WASHER, Plain, 5/16 |
| 6 | 1921333 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 7 | 1921965 | 3 | CAPSCREW, Hex Hd., 3/8-16 x 3/4 |
| 8 | 1920415 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |
| 9 | 1916950 | 8 | NUT, Hex, Full, 3/8-16 |
| 10 | 1916965 | 8 | LOCKWASHER, 3/8 |
| 11 | 1930540 | 2 | SETSCREW, 5/16-18 x 5/8 |
| 12 | 1666693 | 1 | PULLEY ASSY., Transmission |
| 13 | 1921719 | 4 | CAPSCREW, Hex Hd., 5/16-18 x 2-1/2 |
| 14 | 1930651 | 1 | LOCKNUT, Hex, 3/8-16 |
| 15 | 8221042 | 2 | KEY, 3/16 x 3/16 x 1-1/2 |
| *16 | | 1 | TRANSAXLE, 5 Speed |
| 17 | 1666632 | 2 | SUPPORT, Transmission, Rear |
| 18 | 905123 | 1 | KEY, Woodruff, #9 |
| 19 | 1667191 | 1 | SPACER |
| 20 | 1960114 | 2 | WASHER |
| 21 | 1921966 | 4 | CAPSCREW, Hex Hd., 3/8-16 x 7/8 |
| 22 | 1667192 | 1 | SPACER |
| 23 | 1930601 | 4 | SCREW, Hex, Taptite, 5/16-18 x 5/8 |
| 24 | 1666631 | 1 | SUPPORT, Transmission, Front |
| 25 | 1666697 | 2 | SPACER |
| 26 | 1666641 | 1 | ROD, Shift |
| 27 | 8021050 | 1 | KNOB, Shift |
| 28 | 1922234 | 1 | CAPSCREW, Hex Hd., 1/4-28 x 5/8 |
| 29 | 1916964 | 1 | LOCKWASHER, 1/4 |
| 30 | 1916955 | 1 | WASHER, Plain, 3/16 |
| 31 | 1666638 | 1 | LINK, Shift, Lower |
| 32 | 1923325 | 4 | CAPSCREW, Hex Hd., 5/16-18 x 7/8 |
| 33 | 1666639 | 1 | SHIFT LINK ASSY., Upper |
| 34 | 1673247 | 2 | WHEEL & TIRE ASSY. |
| 35 | 173456 | 2 | TIRE, 20 x 8-10 |
| 36 | 172353 | 2 | VALVE STEM & CAP |
| 37 | 1673248 | 2 | WHEEL |
| 38 | 927794 | 2 | E-RING |
| 39 | 1673333 | 2 | HUB CAP, Threaded |
| 40 | 158499 | 2 | STOP, Belt |
| 41 | 960160 | 2 | WASHER |
| 42 | 173477 | 2 | TUBE, 20 x 8-10 |
| 43 | 1921210 | 2 | CAPSCREW, Hex, 3/8-16 x 1 |
| 44 | 920427 | 1 | LOCKWASHER, Ext. Tooth |
| 45 | 1923362 | 2 | NUT, Hex, Lock, 5/16-18 |

***NOTE:** See an authorized Tecumseh dealer for parts & service;
Peerless parts are not available thru *Simplicity*, however, an exploded
view of the Peerless transmission is shown at the end of the manual.



| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|------------------------------------|
| 1 | 1655069 | 1 | V-BELT, Transmission Drive |
| 2 | 1917372 | 8 | NUT, Hex, Full, 5/16-18 |
| 3 | 1917356 | 8 | LOCKWASHER, 5/16 |
| 4 | 1666709 | 1 | STOP, Belt |
| 5 | 1917642 | 5 | WASHER, Plain, 5/16 |
| 6 | 920427 | 1 | LOCKWASHER, Ext. Tooth |
| 7 | 1923362 | 2 | NUT, Hex, Lock, 5/16-18 |
| 8 | 1921974 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 |
| 9 | 1916950 | 8 | NUT, Hex, Full, 3/8-16 |
| 10 | 1916965 | 8 | LOCKWASHER, 3/8 |
| 11 | 1930540 | 2 | SETSCREW, 5/16-18 x 5/8 |
| 12 | 1666693 | 1 | PULLEY ASSY., Transmission |
| 13 | 1921719 | 4 | CAPSCREW, Hex Hd., 5/16-18 x 2-1/2 |
| 14 | 1930651 | 1 | LOCKNUT, Hex, 3/8-16 |
| 15 | 8221042 | 2 | KEY, 3/16 x 3/16 x 1-1/2 |
| *16 | | 1 | TRANSAXLE, 5 Speed |
| 17 | 1666632 | 2 | SUPPORT, Transmission, Rear |
| 18 | 905123 | 1 | KEY, Woodruff, #9 |
| 19 | 1667191 | 1 | SPACER |
| 20 | 1960114 | 2 | WASHER |
| 21 | 1921210 | 7 | CAPSCREW, Hex Hd., 3/8-16 x 1 |
| 22 | 1667192 | 1 | SPACER |
| 23 | 1930601 | 4 | SCREW, Hex, Taptite, 5/16-18 x 5/8 |
| 24 | 1666631 | 1 | SUPPORT, Transmission, Front |
| 25 | 1666697 | 2 | SPACER |
| 26 | 1666641 | 1 | ROD, Shift |
| 27 | 8021050 | 1 | KNOB, Shift |
| 28 | 1922234 | 1 | CAPSCREW, Hex Hd., 1/4-28 x 5/8 |
| 29 | 1916964 | 1 | LOCKWASHER, 1/4 |
| 30 | 1916955 | 1 | WASHER, Plain, 3/16 |
| 31 | 1666638 | 1 | LINK, Shift, Lower |
| 32 | 1921333 | 5 | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 33 | 1666639 | 1 | SHIFT LINK ASSY., Upper |
| 34 | 1673246 | 2 | WHEEL & TIRE ASSY. |
| 35 | 1665326 | 2 | TIRE, 20 x 10-10 |
| 36 | 172353 | 2 | VALVE STEM & CAP |
| 37 | 1673248 | 2 | WHEEL |
| 38 | 927794 | 2 | E-RING |
| 39 | 1673333 | 2 | HUB CAP, Threaded |
| 40 | 158499 | 2 | STOP, Belt |
| 41 | 960160 | 2 | WASHER |
| 42 | 173477 | 2 | TUBE, 20 x 8-10 |

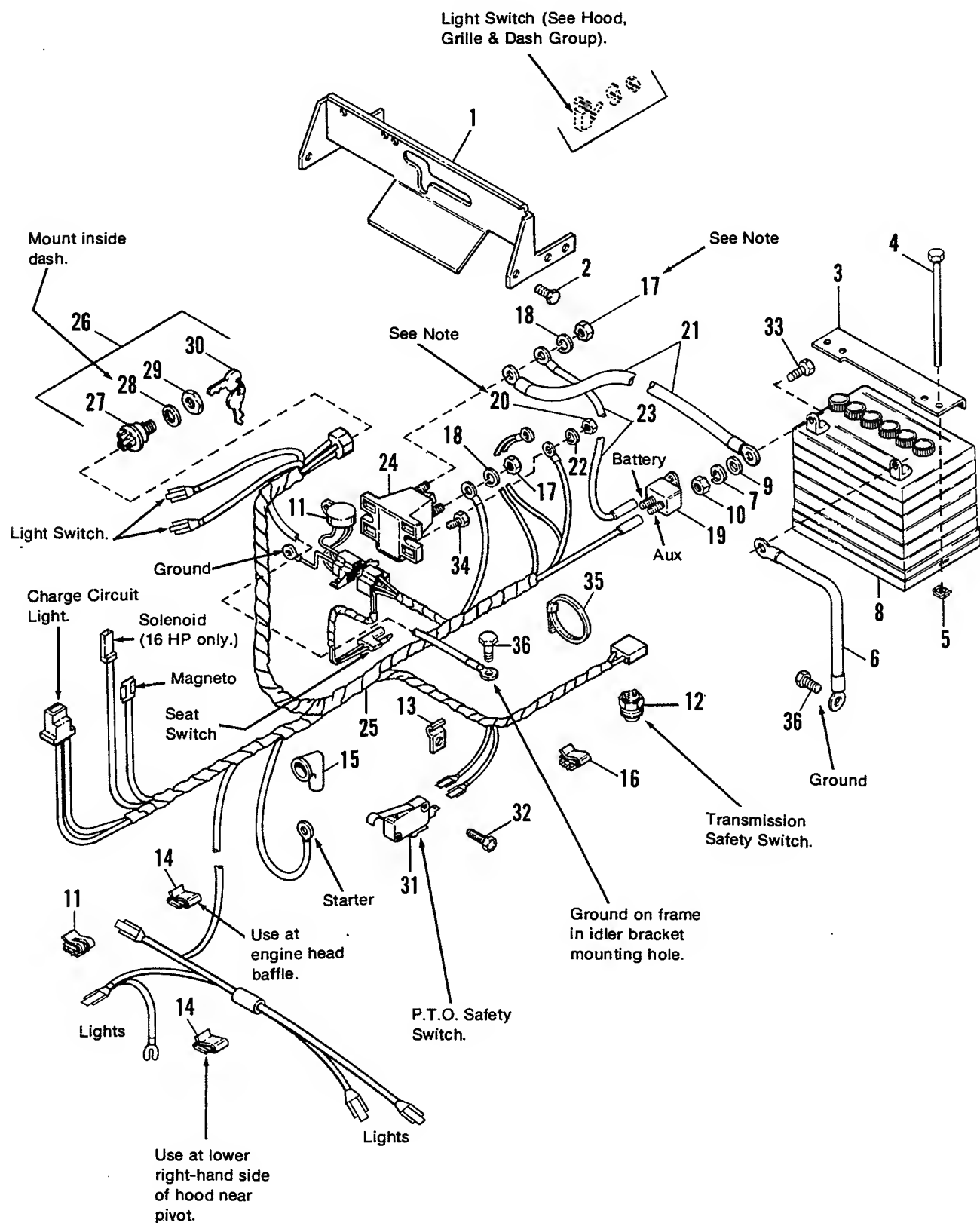
***NOTE: See an authorized Tecumseh dealer for parts & service;
Peerless parts are not available thru *Simplicity*, however, an exploded
view of the Peerless transmission is shown at the end of the manual.**



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

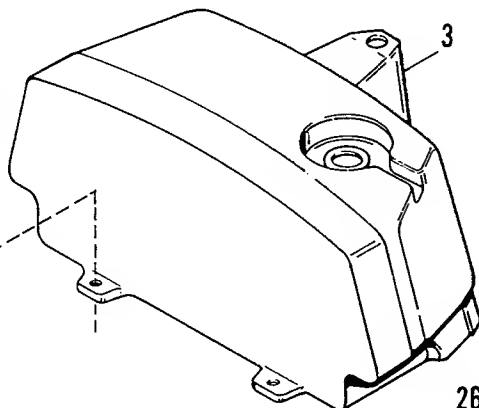
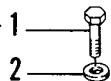
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|-----------------------------------|
| 1 | 1927429 | 2 | SCREW, Hex, Taptite, 1/4-20 x 5/8 |
| 2 | 1656854 | 1 | PLATE, End |
| 3 | 1656852 | 1 | PEDAL, Foot |
| 4 | 1657322 | 1 | DAMPER, Rubber |
| 5 | 157273 | 1 | STUD |
| 6 | 1918199 | 1 | LOCKWASHER, 7/16 |
| 7 | 1918213 | 1 | NUT, Hex, Full, 7/16-14 |
| 8 | 1918448 | 1 | CLIP, Spring |
| 9 | 1917377 | 3 | WASHER, Plain, 1/4 |
| 10 | 1921969 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 1-1/2 |
| 11 | 1922755 | 1 | WASHER, Plain, 3/8 |
| 12 | 1666294 | 1 | SPACER |
| 13 | 1685150 | 1 | PULLEY ASSY. (Incl. Ref. No. 12) |
| 14 | 159106 | 1 | SPRING, Tension |
| 15 | 1677135 | 1 | GUARD, Belt |
| 16 | 1919650 | 1 | NUT, Hex, Full, 3/8-16 |
| 17 | 1666656 | 1 | ROD, Brake |
| 18 | 1663138 | 1 | GUIDE, Rod |
| 19 | 1665864 | 1 | LEVER ASSY. Clutch |
| 20 | 1666759 | 1 | SPRING, Return |
| 21 | 1935048 | 1 | LOCKNUT, Hex, Flange, 5/16-18 |
| 22 | 1663136 | 1 | SPRING |
| 23 | 1924433 | 2 | LOCKNUT, Hex, Esna, 5/16-18 |
| 24 | 1657222 | 1 | GUIDE ASSY., Rod |
| 25 | 157041 | 1 | SPRING, Compression |
| 26 | 8191022 | 1 | COLLAR, Set |
| 27 | 1928804 | 1 | SETSCREW, 1/4-20 x 3/8 |
| 28 | 1702156 | 1 | ROD, Clutch |
| 29 | 1916965 | 1 | LOCKWASHER, 3/8 |
| 30 | 1917642 | 1 | WASHER, Plain, 5/16 |
| 31 | 1924058 | 1 | LOCKNUT, Hex, 7/16-14 |
| 32 | 1653076 | 1 | IDLER ASSY. |
| 33 | 1918447 | 2 | PIN, Cotter, 3/32 x 3/4 |

NOTE: Refer to the Operator's Manual and perform "Tractor Adjustments" in Adjustments section. These adjustments include the parking brake, brake rod and clutch rod.



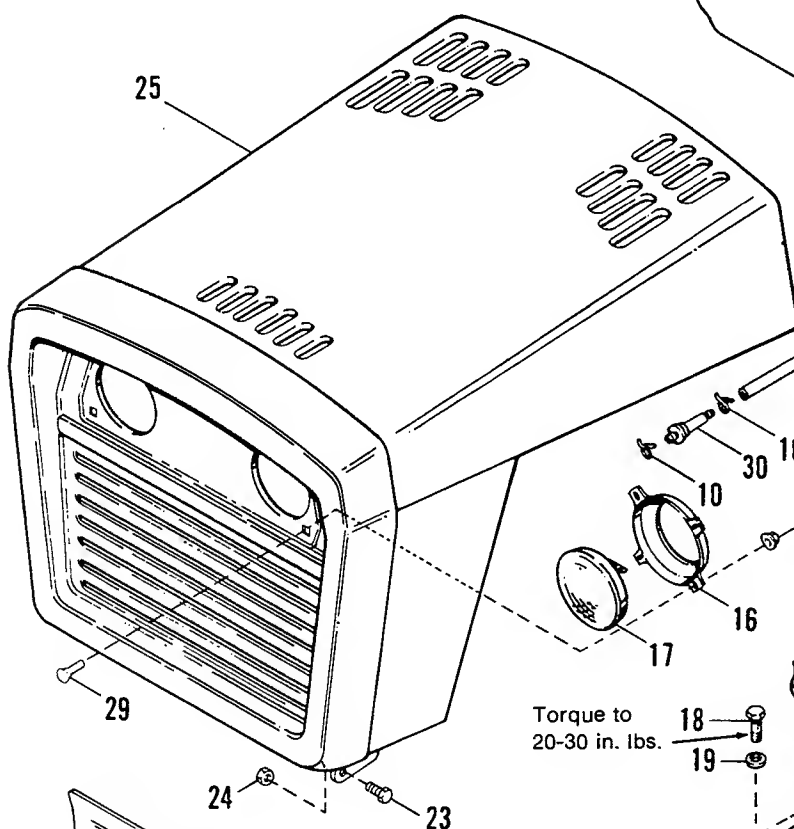
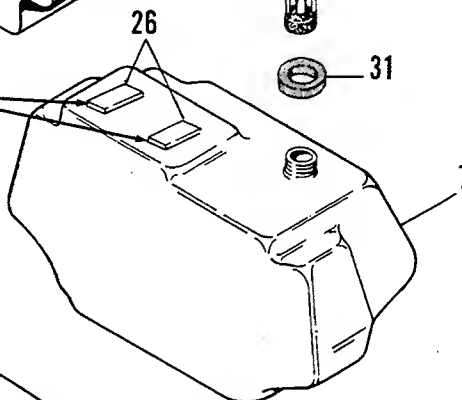
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 1672238 | 1 | QUADRANT, Shift |
| 2 | 1927428 | 5 | SCREW, Hex, Taptite, 1/4-20 x 3/8 |
| 3 | 1669831 | 1 | HOLD DOWN, Battery |
| 4 | 1928634 | 2 | CAPSCREW, Hex Hd., 1/4-20 x 7 |
| 5 | 926022 | 2 | NUT, Retainer, 1/4-20 |
| 6 | 1603618 | 1 | CABLE |
| 7 | 916964 | 2 | LOCKWASHER, 1/4 |
| 8 | 1685215 | 1 | BATTERY SERVICE KIT, 39 Amp (includes decal) |
| 9 | 921319 | 2 | WASHER, Plain, 1/4 |
| 10 | 916622 | 2 | NUT, Hex, Full, 1/4-20 |
| 11 | 1672654 | 1 | MODULE, DSI INTERLOCK |
| 12 | 1654634 | 1 | SWITCH, Interlock |
| 13 | 1668602 | 1 | CLIP, Wire |
| 14 | 930222 | 2 | CLIP, Wire |
| 15 | 122023 | 1 | COVER, Terminal |
| 16 | 165073 | 2 | CLIP, Speed |
| 17 | 1920263 | 2 | NUT, Hex, Full, 5/16-24 |
| 18 | 917356 | 2 | LOCKWASHER, 5/16 |
| 19 | 1665238 | 1 | BREAKER, Circuit |
| 20 | 1917415 | 2 | NUT, Hex, Full #10-32 |
| 21 | 1603195 | 1 | CABLE |
| 22 | 1922711 | 2 | LOCKWASHER, External, #10 |
| 23 | 1665237 | 1 | WIRE ASSY. |
| 24 | 1685290 | 1 | SOLENOID |
| 25 | 1677062 | 1 | HARNESS, Wiring (1691095 & 1691272 only) |
| | 1672669 | 1 | HARNESS, WIRING (All Models except 1691095 & 1691272) |
| 26 | 1674244 | 1 | SWITCH, Ignition (Incl. Ref. Nos. 29 & 30) |
| 27 | | 1 | SWITCH (See Ref. No. 26) |
| 28 | 918906 | 1 | LOCKWASHER, Internal, 5/8 |
| 29 | 122234 | 1 | NUT, Hex, 5/8-32 |
| 30 | 122203 | 1 | KEYS |
| 31 | 1665586 | 1 | SWITCH, P.T.O., Interlock |
| 32 | 1935944 | 2 | SCREW, Taptite, #5-40 x 3/4 |
| 33 | 1923341 | 2 | CAPSCREW, 1/4-20 x 3/4 |
| 34 | 927429 | 2 | SCREW, Taptite, 1/4-20 x 5/8, Zinc Plt. |
| 35 | 932747 | 1 | TIE, Cable |
| 36 | 927428 | 2 | SCREW, Hex, Taptite, 1/4-20 x 3/8 Zinc Pltd. |

Torque to
20-30 in. lbs.



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Apply pads (Ref. No. 26) with
adhesive surface to top of
Ref. No. 7 as illustrated.



Torque to
20-30 in. lbs.

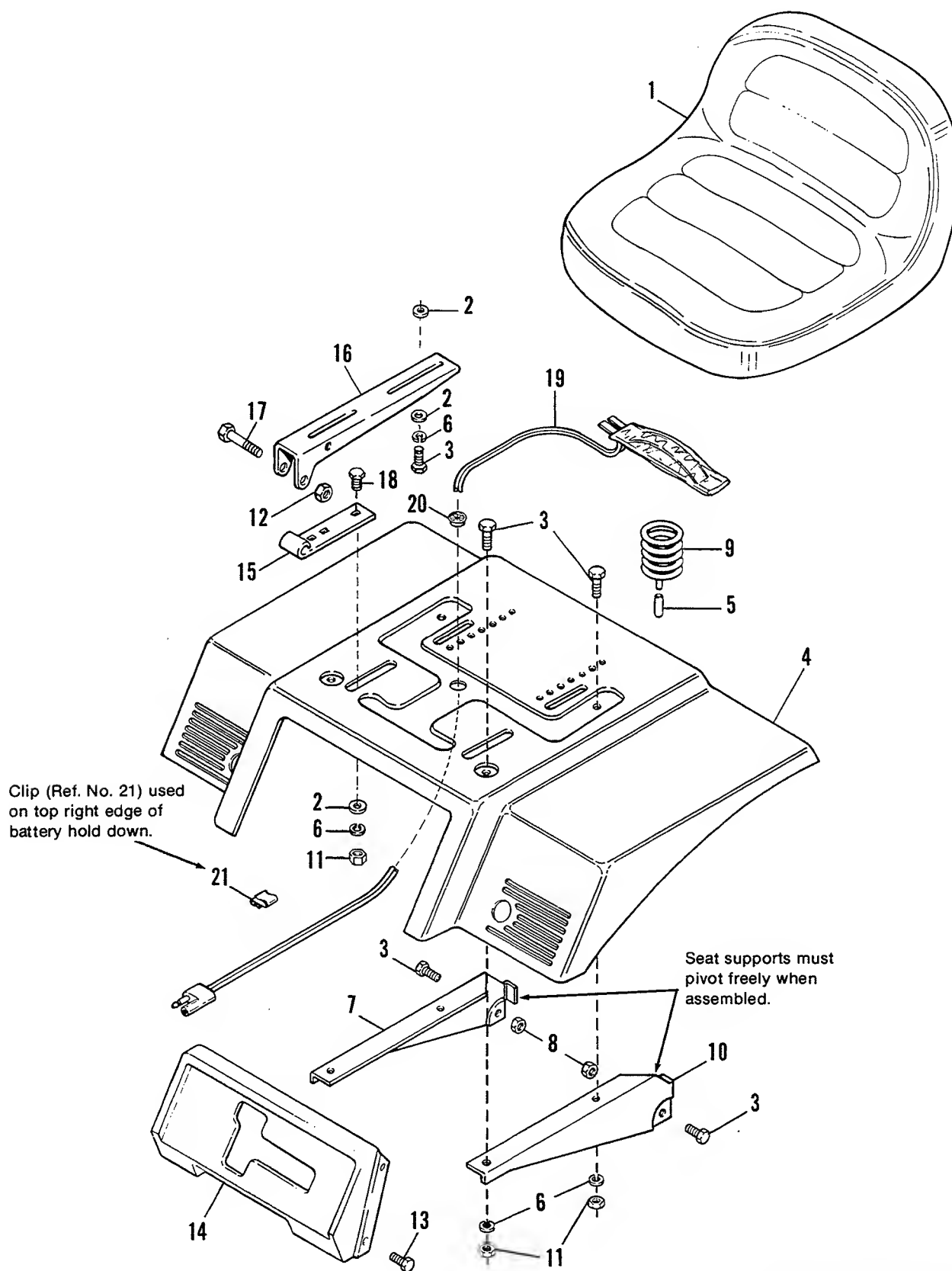
NOTE: Insert
thru decal.

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

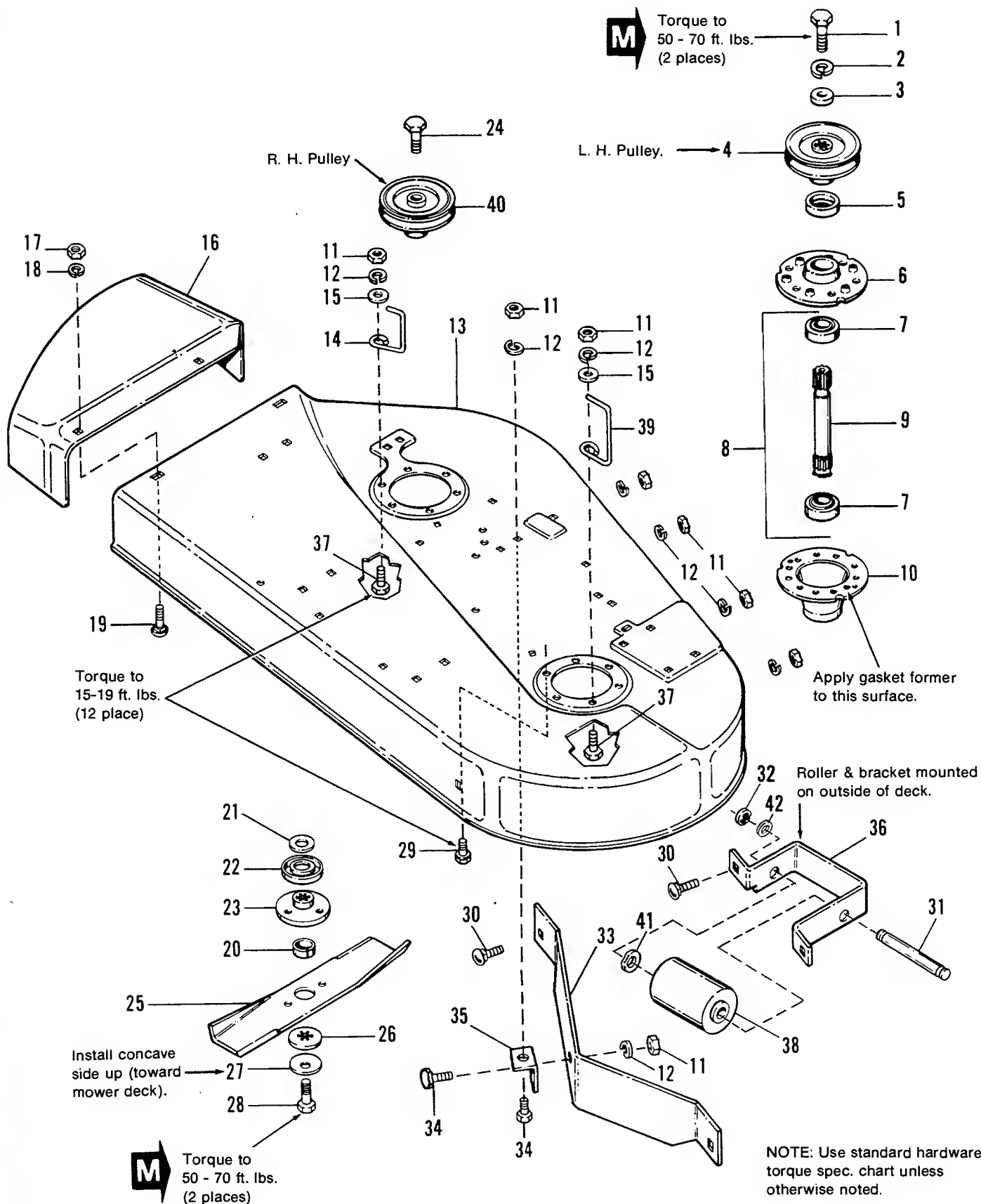
Brace (Ref. No. 12) must be
assembled parallel to this edge.

| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 1921961 | 2 | CAPSCREW, Hex Hd., 1/4-20 x 1-1/4 |
| 2 | 1917377 | 2 | WASHER, Plain, 1/4 |
| 3 | 1673058 | 1 | DASH BOARD, Top |
| 4 | 1930561 | 2 | SCREW, #14 x 3/4 |
| 5 | 1916955 | 2 | WASHER, Plain, 3/16 |
| 6 | 171252 | 1 | CAP, Fuel |
| 7 | *1685297 | 1 | TANK ASSY., Fuel |
| 8 | 1654930 | 1 | BUSHING |
| 9 | 1666447 | 1 | FITTING |
| 10 | 1960112 | 3 | CLAMP, Hose |
| 11 | 1676861 | 1 | HOSE, FUEL |
| 12 | 1665301 | 1 | BRACE, Dash |
| 13 | 1925592 | 2 | SCREW, Hex, Taptite, 1/4-20 x 1 |
| 14 | 1672123 | 2 | EDGING, Lower Dash |
| 15 | 1665253 | 4 | LOCKNUT, Pal, #10-24 |
| 16 | 1665813 | 2 | BRACKET, Support, Headlight |
| 17 | 1665853 | 2 | LAMP, Sealed Beam, G.E. #4411-1 |
| 18 | 1929783 | 4 | SCREW, Hex, Taptite, 1/4-20 x 1 |
| 19 | 1931704 | 6 | LOCKWASHER, Dished Type, 1/4 |
| 20 | 1923358 | 2 | LOCKNUT, Hex, 1/4-20 |
| 21 | 1668641 | 1 | DASH BOARD, Bottom |
| 22 | 1665751 | 1 | BAFFLE, Engine, Front (All models except 1691095 & 1691272) |
| 23 | 1921966 | 2 | CAPSCREW, Hex Hd., 3/8-16 x 7/8 |
| 24 | 1930651 | 2 | LOCKNUT, Hex, 3/8-16 |
| 25 | 1669410 | 1 | HOOD & GRILLE ASSY. |
| 26 | 173335 | 2 | PAD |
| 27 | 1667248 | 4 | CLIP, Canoe |
| 28 | 122184 | 1 | SWITCH, Toggle, Lights |
| 29 | 1936363 | 4 | BOLT, Carriage, #10-24 x 1/2 |
| 30 | 173206 | 1 | FILTER, Fuel |
| 31 | 1664897 | 1 | FOAM, Washer |

*Reference No. 7 includes Ref. Nos. 8, 9, 10 (Qty. 2), 11 & 30.



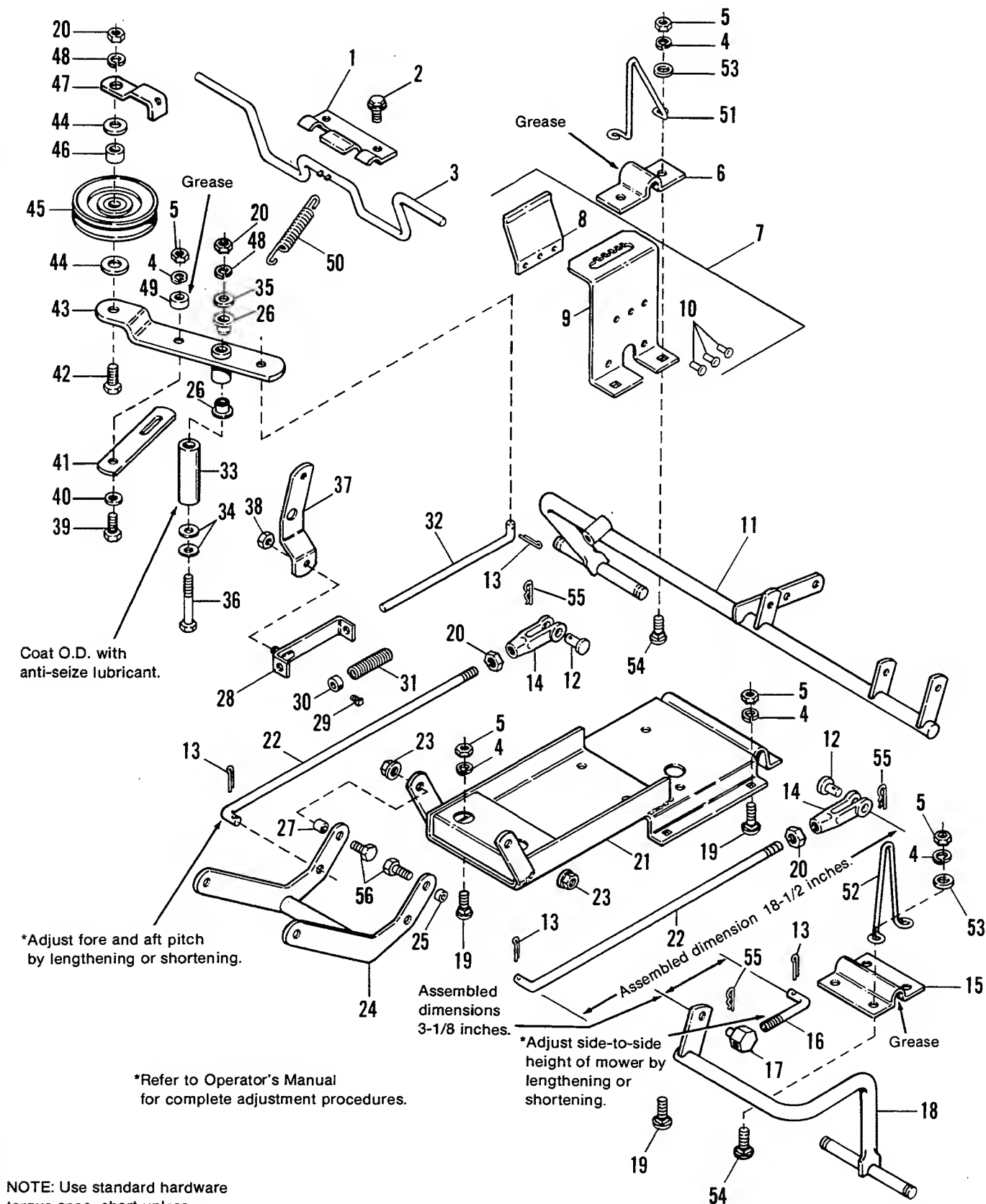
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|-----------------------------------|
| 1 | 1676539 | 1 | SEAT |
| 2 | 1917642 | 12 | WASHER, Plain, 5/16 |
| 3 | 1921332 | 10 | CAPSCREW, Hex, 5/16-18 x 3/4 |
| 4 | 1676537 | 1 | DECK, Seat |
| 5 | 1666691 | 2 | COVER, Wire |
| 6 | 917356 | 12 | LOCKWASHER, 5/16 |
| 7 | 1701736 | 1 | SUPPORT, Seat, R.H. |
| 8 | 1923362 | 2 | LOCKNUT, Hex, 5/16-18 |
| 9 | 1666690 | 2 | SPRING, Seat |
| 10 | 1701737 | 1 | SUPPORT, Seat, L.H. |
| 11 | 1917372 | 8 | NUT, Hex, Full, 5/17-18 |
| 12 | 1930651 | 2 | LOCKNUT, Hex, 3/8-16 |
| 13 | 1925003 | 4 | SCREW, Hex, Taptite, 1/4-20 x 1/2 |
| 14 | 1668839 | 1 | PANEL, Shift |
| 15 | 1678415 | 2 | HINGE, Lower |
| 16 | 1701559 | 2 | HINGE, Upper |
| 17 | 1923701 | 2 | CAPSCREW, Hex, 3/8-16 x 2 |
| 18 | 1922109 | 4 | CAPSCREW, Hex, 5/16-18 x 1.0 |
| 19 | 1671703 | 1 | SWITCH, Seat |
| 20 | 1676624 | 1 | BUSHING, Universal |
| 21 | 165073 | 1 | CLIP |



| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 1930585 | 2 | CAPSCREW, Hex Hd., 7/16-14 x 3-1/2 |
| 2 | 1918199 | 2 | LOCKWASHER, 7/16 |
| 3 | 1933263 | 2 | WASHER, Special |
| 4 | 1673109 | 1 | PULLEY ASSY., L.H. |
| 5 | 1657969 | 2 | SHIELD, Bearing, Upper |
| 6 | 1655729 | 2 | HOUSING, Top |
| 7 | 108202 | 4 | BEARING |
| *8 | 1685251 | 2 | SHAFT & BEARING ASSY. (Incl. Ref. Nos 7, 9 & 20) |
| 9 | 1685245 | 2 | SHAFT, Arbor (Incl. Ref. No. 20) |
| 10 | 1655728 | 2 | HOUSING, Bottom |
| 11 | 1917372 | 8 | NUT, Hex, full, 5/16-18 |
| 12 | 1917356 | 8 | LOCKWASHER, 5/16 |
| 13 | 1685102 | 1 | HOUSING, 36" (Incl. safety decals) |
| 14 | 1657660 | 1 | STOP, Belt |
| 15 | 1917642 | 2 | WASHER, 5/16 |
| 16 | 1655422 | 1 | DEFLECTOR, Mower |
| 17 | 1916950 | 2 | NUT, Hex, Full, 3/8-16 |
| 18 | 1916965 | 2 | LOCKWASHER, 3/8 |
| 19 | 1931348 | 2 | BOLT, Carriage, 3/8-16 x 3/4 |
| 20 | 1672132 | 2 | COLLAR, Arbor |
| 21 | 1700230 | 2 | WASHER, Shim |
| 22 | 1700229 | 2 | SHIELD, Grass |
| 23 | 1655777 | 2 | ADAPTOR, Blade |
| 24 | 1930584 | 1 | CAPSCREW, Hex Hd., 7/16-14 x 2-3/4 |
| 25 | 1657589 | 2 | BLADE, 36" |
| 26 | 1656927 | 2 | WASHER, Spline |
| 27 | 1656916 | 2 | WASHER, Cup |
| 28 | 1923491 | 2 | CAPSCREW, Hex Hd., 7/16-14 x 1 |
| 29 | 1664847 | 10 | SCREW, Hex, Wash. Hd., Taptite, 5/16-18 x 3/4 |
| 30 | 1931333 | 4 | BOLT, Carriage, 5/16-18 x 3/4 |
| 31 | 1603205 | 1 | SHAFT, Roller, Center |
| 32 | 927793 | 1 | E-RING |
| 33 | 1671577 | 1 | BAFFLE |
| 34 | 1921332 | 2 | CAPSCREW, Hex Hd., 5/16-18 x 3/4 |
| 35 | 1668500 | 1 | BRACKET, Mower |
| 36 | 1671592 | 1 | BRACKET, Center, Roller |
| 37 | 1927477 | 2 | SCREW, Hex Hd., Taptite, 5/16-18 x 1 |
| 38 | 1668513 | 1 | ROLLER |
| 39 | 1673106 | 1 | STOP, Belt |
| 40 | 1655839 | 1 | PULLEY ASSY., R.H. |
| 41 | 1678100 | 1 | WASHER, Wave |
| 42 | 960171 | 1 | WASHER, Nylon |

For serial no. 1009 & lower see TP-1067-02

*Refer to page 41 for arbor assembly procedures.

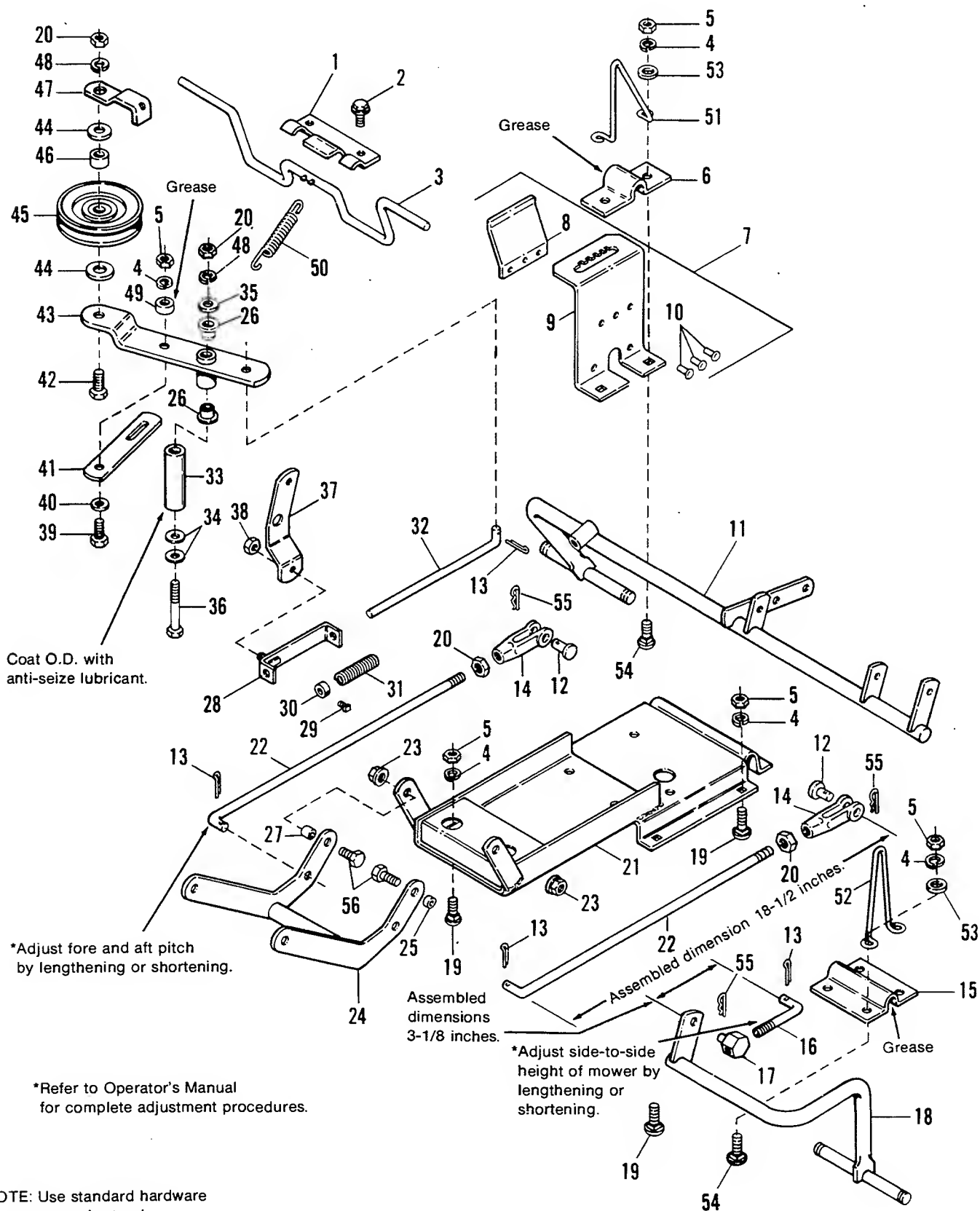


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 1655507 | 1 | SUPPORT, Brake |
| 2 | 927428 | 2 | SCREW, Hex, Washer Hd., Taptite, 1/4-20 x 3/8 |
| 3 | 1673110 | 1 | ROD ASSY., Brake |
| 4 | 1917356 | 15 | LOCKWASHER, 5/16 |
| 5 | 1917372 | 15 | NUT, Hex, Full, 5/16-18 |
| 6 | 1654655 | 1 | STRAP |
| 7 | 1663223 | 1 | QUADRANT ASSY. (Incl. Ref. Nos. 8, 9 & 10) |
| 8 | 1663222 | 1 | SPRING, Flat |
| 9 | | 1 | QUADRANT (See Ref. No. 7) |
| 10 | 910542 | 3 | RIVET, Tubular, 3/16 x 5/16 |
| 11 | 1668099 | 1 | SUPPORT ASSY., Roller, R.H. |
| 12 | 1923087 | 2 | PIN, Clevis |
| 13 | 1918447 | 4 | PIN, Cotter, 3/32 x 3/4 |
| 14 | 108157 | 2 | CLEVIS, Adjusting |
| 15 | 1653768 | 1 | CLAMP, Wheel Support |
| 16 | 1655811 | 1 | ROD, Bolt |
| 17 | 108512 | 1 | PIVOT |
| 18 | 1668098 | 1 | SUPPORT ASSY., Roller, L.H. |
| 19 | 1931333 | 8 | BOLT, Carriage, 5/16-18 x 3/4 |
| 20 | 1916950 | 4 | NUT, Hex, Full, 3/8-16 |
| 21 | 1702341 | 1 | SUPPORT ASSY., MOWER |
| 22 | 1654411 | 2 | ROD, Height Adjustment |
| 23 | 1930645 | 2 | LOCKNUT, Hex, Flange, 3/8-16 |
| 24 | 1674011 | 1 | ARM ASSY., Rocker |
| 25 | 118335 | 1 | SPACER |
| 26 | 1663114 | 2 | BUSHING |
| 27 | 154177 | 1 | SPACER |
| 28 | 108662 | 1 | GUIDE ASSY., Rod |
| 29 | 1928804 | 1 | SETSCREW, 1/4-20 x 3/8 |

NOTE: Ref. No. 30-56 on following pages.

NOTE: For serial no. 1009 and lower, see TP-1067-02.

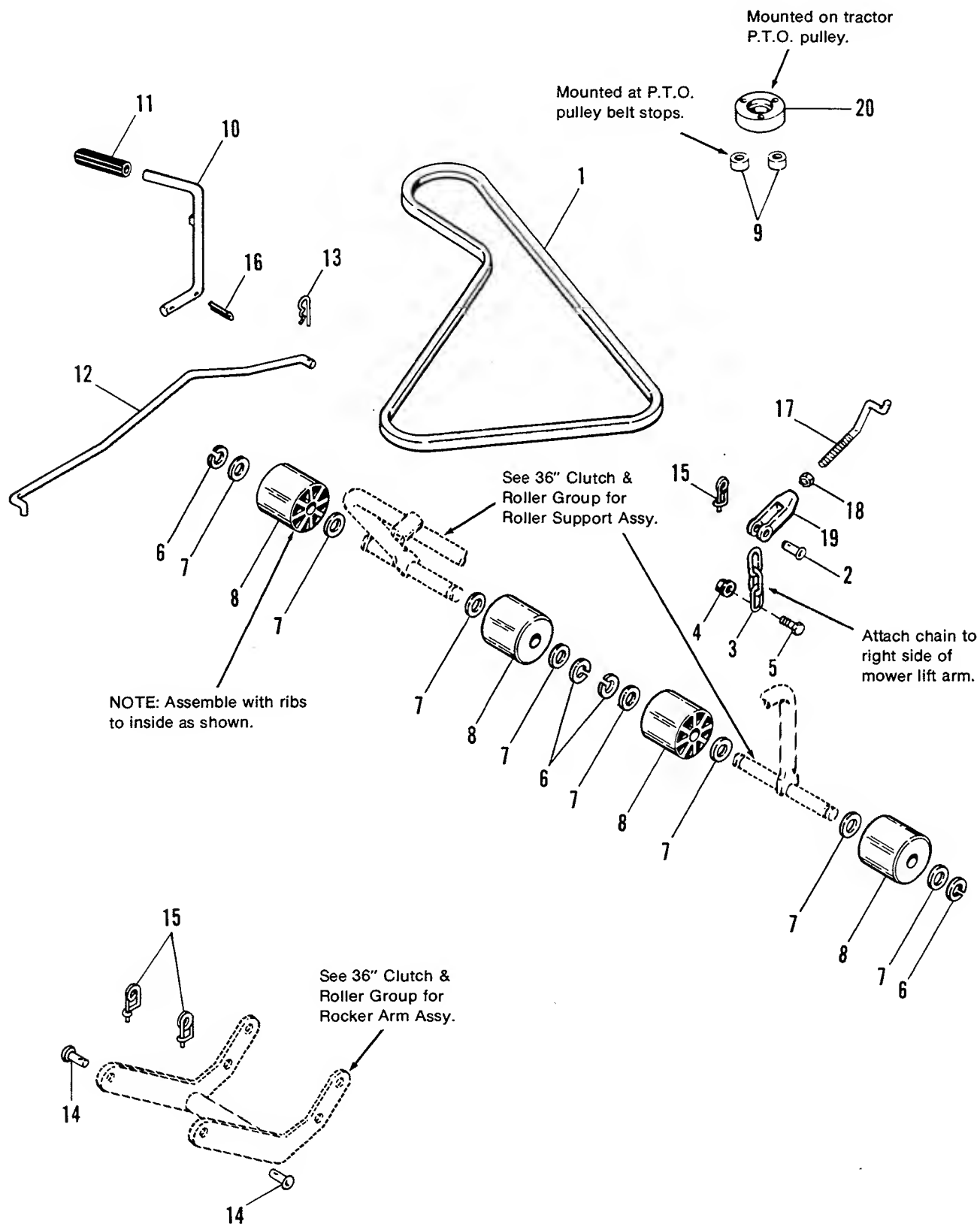


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 30 | 8191022 | 1 | COLLAR, Set |
| 31 | 163103 | 1 | SPRING |
| 32 | 171320 | 1 | ROD, Clutch |
| 33 | 1657242 | 1 | SPACER |
| 34 | 1924356 | 2 | WASHER |
| 35 | 1917378 | 1 | WASHER, Plain, 3/8 |
| 36 | 1928957 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 2-3/4 |
| 37 | 1669283 | 1 | ARM, Pivot |
| 38 | 1923362 | 1 | LOCKNUT, Hex, 5/16-18 |
| 39 | 1921333 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1.0 |
| 40 | 177649 | 1 | WASHER, Compression |
| 41 | 1701563 | 1 | LEVER, Brake |
| 42 | 1921971 | 1 | CAPSCREW, Hex Hd., 3/8-16 x 1-3/4 |
| 43 | 1677750 | 1 | LEVER ASSY., Clutch (Incl. Ref. No. 26) |
| 44 | 1922755 | 2 | WASHER, Plain |
| 45 | 1685150 | 1 | PULLEY ASSY. (Incl. Ref. No. 46) |
| 46 | 1666294 | 1 | SPACER |
| 47 | 1679486 | 1 | GUIDE, Belt |
| 48 | 1916965 | 2 | LOCKWASHER, 3/8 |
| 49 | 1655085 | 1 | SPACER |
| 50 | 159159 | 1 | SPRING |
| 51 | 1669232 | 1 | UP-STOP, R.H. |
| 52 | 1669233 | 1 | UP-STOP, L.H. |
| 53 | 1917642 | 4 | WASHER, Plain, 5/16 |
| 54 | 1920564 | 6 | BOLT, Carriage, 5/16-18 x 1-1/4 |
| 55 | 1960074 | 3 | CLIP, Hairpin |
| 56 | 1920415 | 2 | CAPSCREW, Hex Hd., 3/8-16 x 1-1/4 |

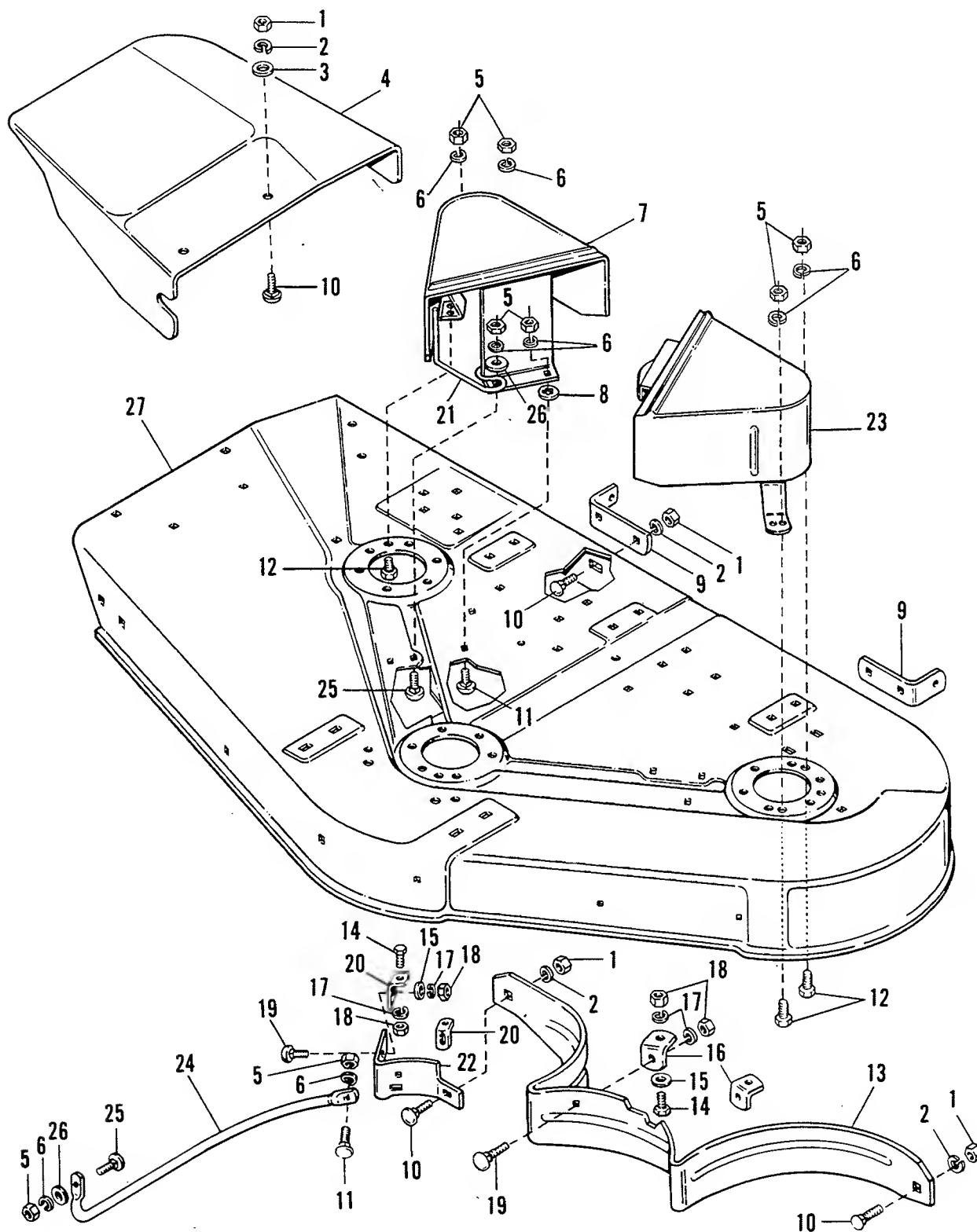
NOTE: Ref. Nos. 1-20 on preceding page.

NOTE: For serial no. 1009 and lower, see TP-1067-02.



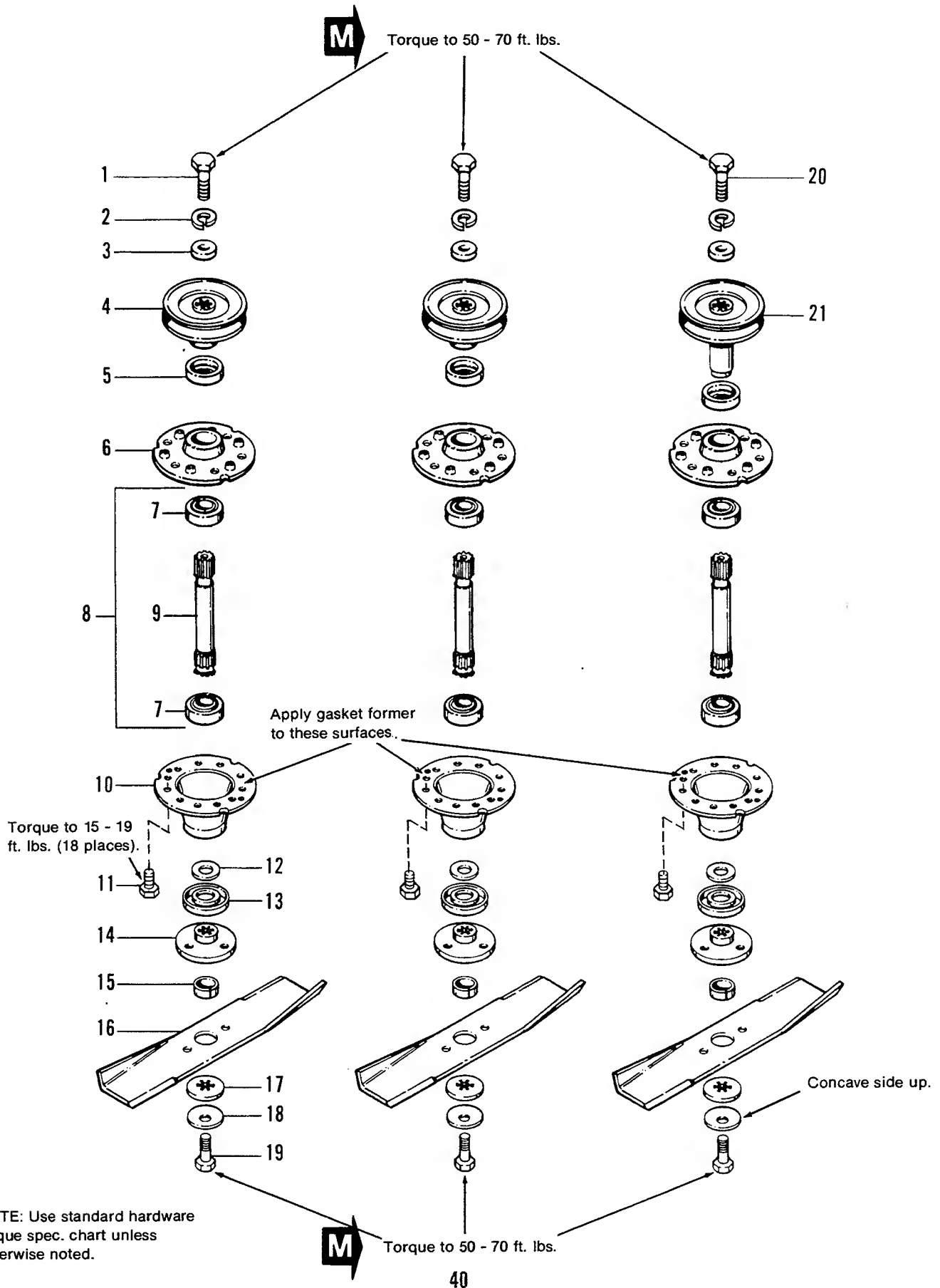
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 1668065 | 1 | V-BELT, Mower Drive |
| 2 | 1673574 | 1 | PIN, Rivet |
| 3 | 1656835 | 1 | CHAIN, Lift |
| 4 | 1935048 | 1 | LOCKNUT, Hex, Flange, 5/16-18 |
| 5 | 1921333 | 1 | CAPSCREW, Hex Hd., 5/16-18 x 1 |
| 6 | 153124 | 4 | RING, Retaining |
| 7 | 1919387 | 8 | WASHER, Plain, 5/8 |
| 8 | 1668487 | 4 | ROLLER |
| 9 | 1667812 | 2 | SPACER |
| 10 | 1656412 | 1 | LEVER, Control |
| 11 | 176933 | 1 | GRIP, Handle |
| 12 | 1669234 | 1 | ROD, P.T.O. |
| 13 | 1960074 | 1 | CLIP, Spring |
| 14 | 156306 | 2 | PIN |
| 15 | 176012 | 3 | CLIP, Pin, Safety |
| 16 | 1918452 | 2 | PIN, Cotter, 1/8 x 1 |
| 17 | 1685243 | 1 | ROD, Lift (Incl. Ref. Nos. 2, 15, 18 & 19) |
| 18 | 1920161 | 1 | NUT, Jam, 5/16-18 |
| 19 | 1673575 | 1 | CLEVIS |
| 20 | 1669751 | 1 | SPACER, Pulley |



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

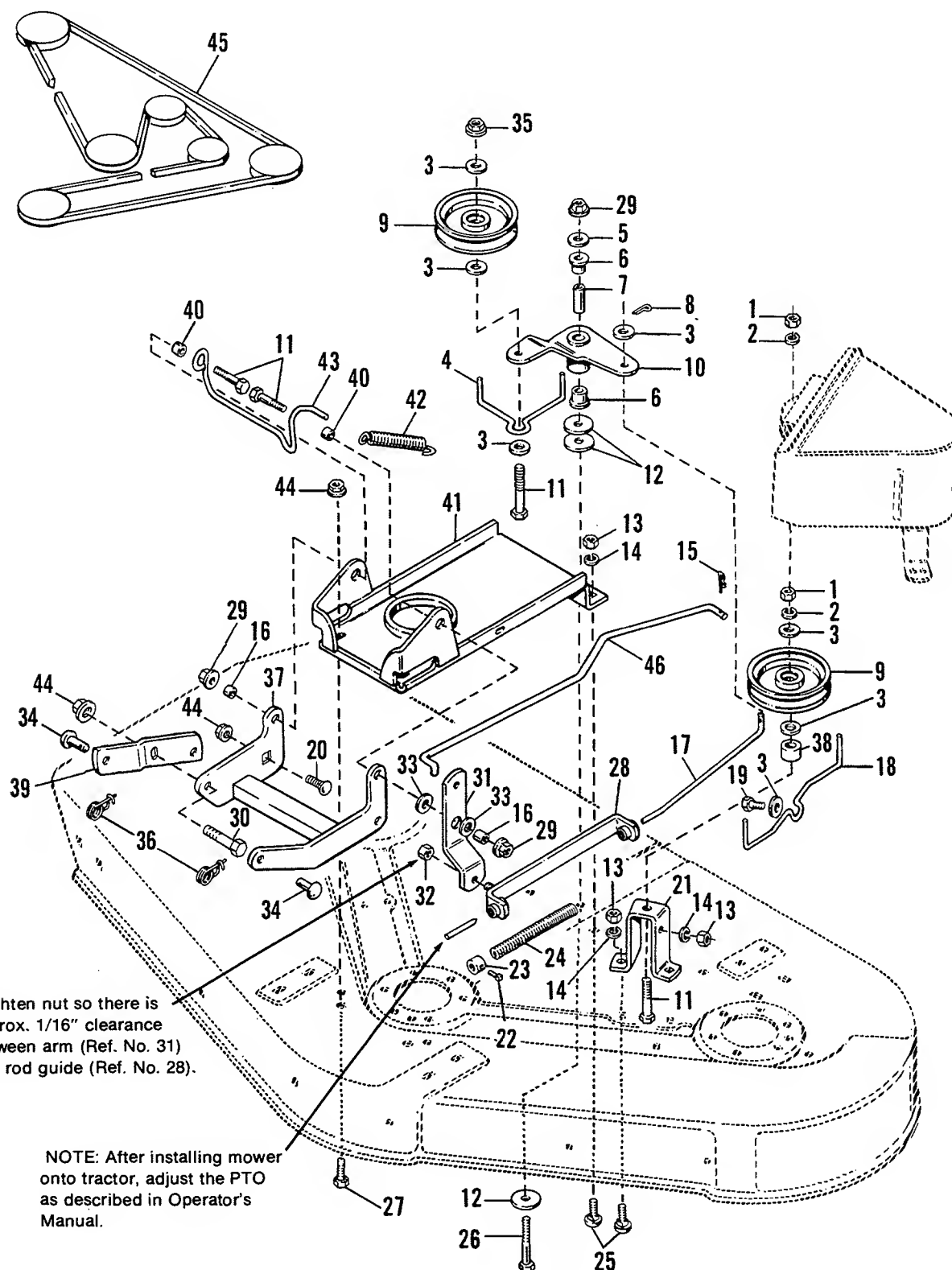
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 1916950 | 8 | NUT, Hex, 3/8-16 |
| 2 | 1916965 | 8 | LOCKWASHER, 3/8 |
| 3 | 1917378 | 2 | WASHER, Plain, 3/8 |
| 4 | 1656049 | 1 | DEFLECTOR |
| 5 | 1917372 | 8 | NUT, Hex, 5/16-18 |
| 6 | 1917356 | 8 | LOCKWASHER, 5/16 |
| 7 | 1702214 | 1 | ARBOR COVER ASSY. |
| 8 | 933988 | 2 | PUSHNUT, 5/16 |
| 9 | 1603264 | 2 | BRACKET, Roller Support |
| 10 | 1931348 | 8 | BOLT, Carriage, 3/8-16 x 3/4 |
| 11 | 1931333 | 2 | BOLT, Carriage, 5/16-18 x 3/4 |
| 12 | 1921333 | 4 | CAPSCREW, Hex, 5/16-18 x 3/4 |
| 13 | 1608135 | 1 | BAFFLE |
| 14 | 1923341 | 8 | CAPSCREW, Hex, 1/4-20 x 3/4 |
| 15 | 1917377 | 4 | WASHER, 1/4 |
| 16 | 1608331 | 2 | CLIP, Baffle |
| 17 | 1916964 | 8 | LOCKWASHER, 1/4 |
| 18 | 1916622 | 8 | NUT, Hex, 1/4-20 |
| 19 | 1923333 | 4 | BOLT, Carriage, 1/4-20 x 5/8 |
| 20 | 108186 | 2 | CLIP GUARD & BAFFLE |
| 21 | 1666888 | 1 | STOP, Belt |
| 22 | 1665709 | 1 | BAFFLE, Discharge |
| 23 | 1702213 | 1 | ARBOR COVER ASSY. |
| 24 | 1665562 | 1 | GUARD, Mower Discharge |
| 25 | 1931335 | 2 | BOLT, Carriage, 5/16-18 x 1 |
| 26 | 1919381 | 2 | WASHER, 11/32 x 1 |
| 27 | 1685156 | 1 | 42" ROTARY MOWER HOUSING KIT (Incl. Safety Decals) |



| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 1936723 | 2 | CAPSCREW, Hex 7/16-14 x 1-3/4 |
| 2 | 1918199 | 3 | LOCKWASHER, 7/16 |
| 3 | 1933263 | 3 | WASHER, Plain, 29/64 x 1-1/4 x 1/4 |
| 4 | 1665476 | 2 | PULLEY ASSY. |
| 5 | 1657969 | 3 | SHIELD, Bearing Upper |
| 6 | 1655729 | 3 | HOUSING TOP |
| 7 | 108202 | 6 | BEARING |
| 8 | 1685251 | 3 | SHAFT & BEARING ASSY. (Incl. Ref. Nos. 7, 9 & 15) |
| 9 | 1685245 | 3 | SHAFT, Arbor (Incl. Ref. No. 15) |
| 10 | 1655728 | 3 | HOUSING, Bottom |
| 11 | 1664847 | 18 | SCREW, Hex, Taptite, 5/16-18 x 3/4 |
| 12 | 1700230 | 3 | WASHER, Shim |
| 13 | 1700229 | 3 | SHIELD, Grass |
| 14 | 1655777 | 3 | ADAPTOR, Blade |
| 15 | 1672132 | 3 | COLLAR |
| 16 | 1656147 | 3 | BLADE, 42" Mower |
| 17 | 1656927 | 3 | WASHER, Spline |
| 18 | 1656916 | 3 | WASHER, Spring |
| 19 | 1923491 | 3 | CAPSCREW, Hex 7/16-14 x 1 |
| 20 | 1930585 | 1 | CAPSCREW, Hex, 7/16-14 x 3-1/2 |
| 21 | 1665347 | 1 | PULLEY ASSY. |

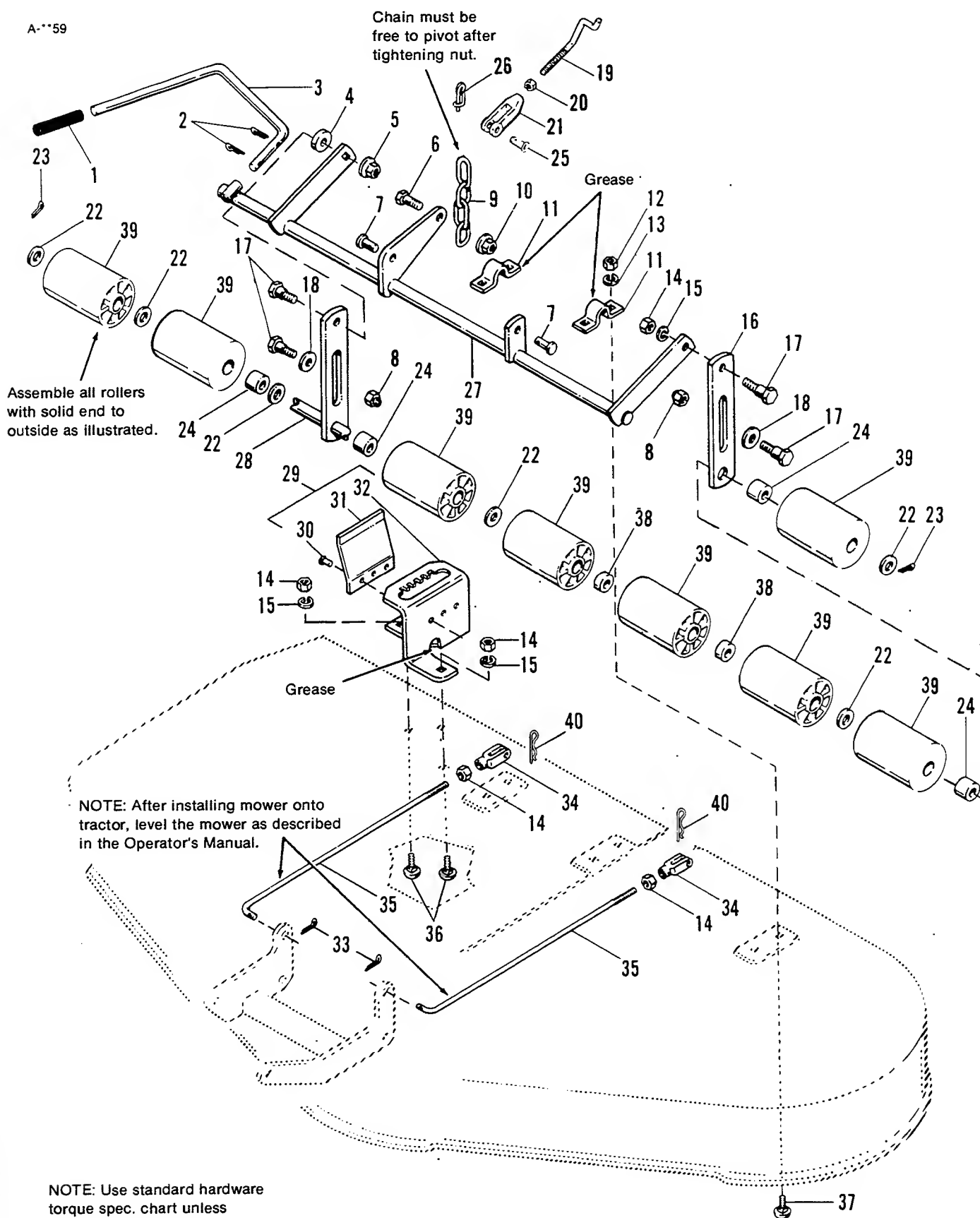
ASSEMBLY PROCEDURES

- A. Press (2) bearings (Ref. No. 7) with land riding seal (see note below) facing up over shafts (Ref. No. 9) using pressure only on the inner race of the bearing. NOTE: Land riding seal is side of bearing without steel shield. If bearing has shield on both sides, it can be installed either way.
- B. Assemble upper and lower arbor housing (Ref. Nos. 6 & 10) over bearings. Must be careful that housings do not cock on bearings. When upper and lower housing flanges come together proper alignment of holes in housing flanges are accomplished by aligning knockouts in lower housing flange with mating holes in upper housing flange. Also half holes in outer edge must match.
- C. Seal between flanges of upper arbor housing and lower arbor housing with gasket eliminator. Remove contaminants such as grease, heavy oils and dirt from flange surfaces before assembly. Avoid lateral movement between flange surfaces during assembly.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

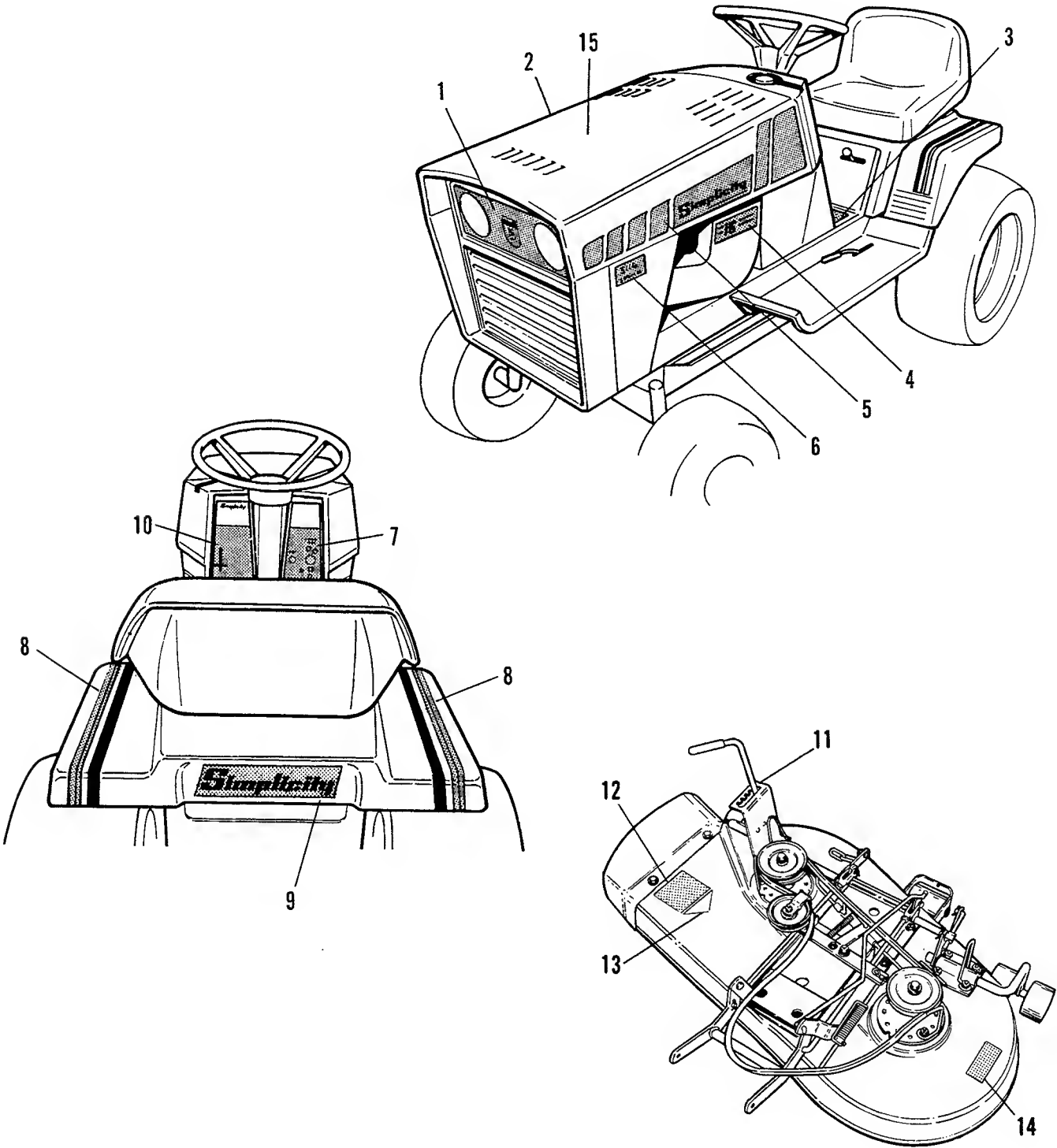
| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|------------------------------------|
| 1 | 1916950 | 1 | NUT, Hex, 3/8-16 |
| 2 | 1916965 | 1 | LOCKWASHER, 3/8 |
| 3 | 1917642 | 7 | WASHER, Plain, 5/16 |
| 4 | 1669306 | 1 | STOP, Belt |
| 5 | 1917378 | 1 | WASHER, Plain, 3/8 |
| 6 | 1663114 | 2 | BUSHING |
| 7 | 1657242 | 1 | SPACER |
| 8 | 1918447 | 1 | PIN, Cotter, 3/32 x 3/4 |
| 9 | 171247 | 2 | PULLEY, Idler |
| 10 | 1701861 | 1 | LEVER ASSY., Clutch |
| 11 | 1921971 | 4 | CAPSCREW, 3/8-16 x 1-3/4 |
| 12 | 1924356 | 3 | WASHER, Special |
| 13 | 1917372 | 5 | NUT, Hex, 5/16-18 |
| 14 | 1917356 | 5 | LOCKWASHER, 5/16 |
| 15 | 1918196 | 1 | PIN, Quick, 1-7/8 |
| 16 | 1674440 | 2 | SPACER |
| 17 | 1668041 | 1 | ROD, Clutch, Mower |
| 18 | 1669259 | 1 | STOP, Belt |
| 19 | 1921333 | 1 | CAPSCREW, Hex, 5/16-18 x 1 |
| 20 | 1960135 | 1 | BOLT, Carriage, 7/16-14 x 1-1/4 |
| 21 | 1665649 | 1 | SUPPORT, Idler |
| 22 | 1928804 | 1 | SETSCREW, Sq. Hd., 1/4-20 x 3/8 |
| 23 | 8191022 | 1 | COLLAR, Set |
| 24 | 1668282 | 1 | SPRING |
| 25 | 1931333 | 4 | BOLT, Carriage, 5/16-18 x 3/4 |
| 26 | 1928957 | 1 | CAPSCREW, 3/8-16 x 2-3/4 |
| 27 | 1960043 | 2 | BOLT, Whizlock, 7/16-14 UNC x 1" |
| 28 | 1668278 | 1 | GUIDE ASSY., Rod |
| 29 | 1930645 | 3 | NUT, Hex, Flange, 3/8-16 |
| 30 | 1920677 | 1 | CAPSCREW, Hex Hd., 7/16-14 x 1-1/4 |
| 31 | 1665624 | 1 | ARM, Pivot |
| 32 | 1928698 | 1 | NUT, Jam, Ctr. Lock, 5/16-18 |
| 33 | 1919387 | 2 | WASHER, Plain, 5/8 |
| 34 | 156306 | 2 | PIN |
| 35 | 1930645 | 1 | NUT, Hex, 3/8-16 |
| 36 | 176012 | 2 | PIN, Safety |
| 37 | 1674443 | 1 | ARM ASSY., Rocker |
| 38 | 174870 | 1 | SPACER |
| 39 | 1674441 | 1 | ARM, Rocker |
| 40 | 118335 | 2 | SPACER |
| 41 | 1677079 | 1 | SUPPORT ASSY. |
| 42 | 159159 | 1 | SPRING, Tension |
| 43 | 1701534 | 1 | ROD, Brake |
| 44 | 1935041 | 2 | NUT, Flange, Whizlock, 7/16-14 |
| 45 | 1668066 | 1 | V-BELT, Mower Drive |
| 46 | 1669160 | 1 | ROD, Clutch, Tractor P.T.O. |



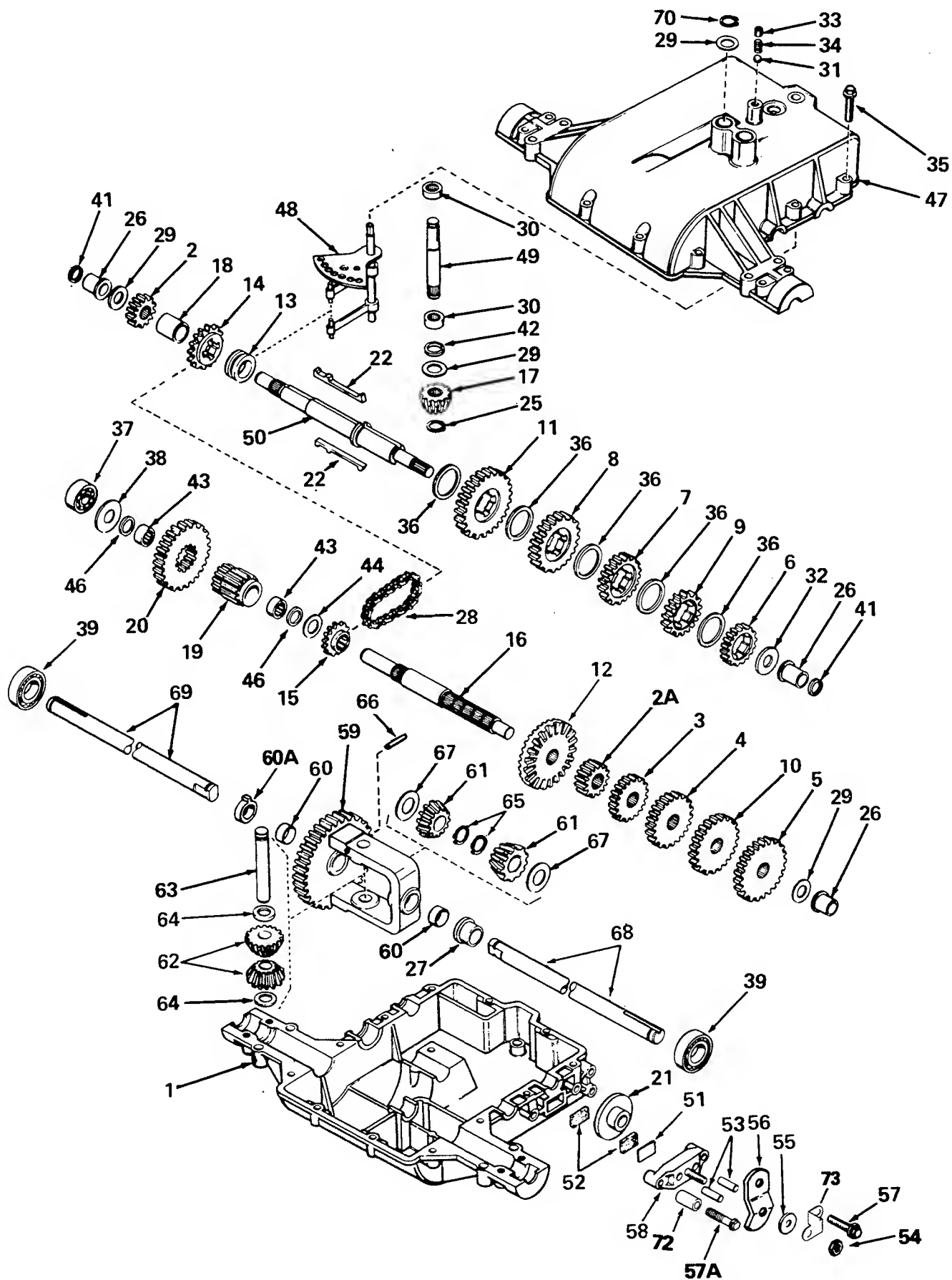
42" Height Adjusting & Roller Group

Simplicity

| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 176933 | 1 | GRIP |
| 2 | 1918452 | 2 | PIN, Cotter, 1/8 x 1 |
| 3 | 1665864 | 1 | LEVER, Control |
| 4 | 1922755 | 1 | WASHER, Plain, 13/32 |
| 5 | 1928352 | 1 | LOCKNUT, Hex, Flange, Whiz, 3/8-16 |
| 6 | 1921333 | 1 | CAPSCREW, Hex, 5/16-18 x 1 |
| 7 | 1923087 | 2 | PIN, Clevis |
| 8 | 1919439 | 2 | NUT, Esna Locknut, 3/8-16 |
| 9 | 1669241 | 1 | CHAIN, Lift |
| 10 | 1935048 | 1 | LOCKNUT, Flange, 5/16-18 |
| 11 | 1665374 | 2 | STRAP |
| 12 | 1917372 | 4 | NUT, Hex, 5/16-18 |
| 13 | 1917356 | 4 | LOCKWASHER, 5/16 |
| 14 | 1916950 | 6 | NUT, Hex, 3/8-16 |
| 15 | 1916965 | 4 | LOCKWASHER, 3/8 |
| 16 | 1603263 | 1 | BAR, Roller |
| 17 | 1665693 | 4 | BOLT, Shoulder, 3/8-16 |
| 18 | 1924361 | 2 | WASHER, Plain, 1/2 |
| 19 | 1685243 | 1 | ROD, Lift (Incl. Ref. Nos. 20, 21, 25 & 26) |
| 20 | 1920161 | 1 | NUT |
| 21 | 1673575 | 1 | CLEVIS |
| 22 | 1919387 | 6 | WASHER, 25/32 x 1-1/4 |
| 23 | 1918458 | 2 | PIN, Cotter, 3/16 x 1 |
| 24 | 1602946 | 4 | SPACER |
| 25 | 1673574 | 1 | PIN |
| 26 | 176012 | 1 | CLIP |
| 27 | 1685217 | 1 | ARM ASSY., Mower |
| 28 | 1668814 | 1 | SHAFT ASSY, Roller |
| 29 | 1668828 | 1 | QUADRANT ASSY. (Incl. Ref. No. 30, 31, 32) |
| 30 | 910542 | 3 | RIVET |
| 31 | 1663222 | 1 | SPRING, Flat |
| 32 | | 1 | QUADRANT (Order Ref. No. 29) |
| 33 | 1918447 | 2 | PIN, Cotter, 3/32 x 3/4 |
| 34 | 108157 | 2 | CLEVIS, Adj. |
| 35 | 1665417 | 2 | ROD, Adj. |
| 36 | 1931348 | 3 | BOLT, Carriage, 3/8-16 x 3/4 |
| 37 | 1931333 | 4 | BOLT, Carriage, 5/16-18 x 3/4 |
| 38 | 172914 | 2 | SPACER |
| 39 | 1668513 | 8 | ROLLER |
| 40 | 1960074 | 2 | CLIP, Hairpin |



| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|---|
| 1 | 1669367 | 1 | DECAL, Grille |
| 2 | 1668195 | 1 | DECAL, Hood, R.H. |
| 3 | 1676927 | 1 | DECAL, Shift |
| 4 | 1669577 | 2 | DECAL, Engine (1691030, 1691031) |
| | 1679143 | 2 | DECAL, Engine (1691175, 1691238) |
| 5 | 1668196 | 1 | DECAL, Hood, L.H. |
| 6 | 1673486 | 2 | DECAL, 5216 Special (1691030, 1691031) |
| | 1676977 | 2 | DECAL, 5211 (1691095) |
| | 1678635 | 2 | DECAL, 5212.5 Special (1691175, 1691238) |
| | 1700122 | 2 | DECAL, 5212 (1691272) |
| 7 | 1669368 | 1 | DECAL, Dash, R.H. (1691030, 1691031, 1691175 & 1691238) |
| | 1676975 | 1 | DECAL, Dash, R.H. (1691095, 1691272) |
| 8 | 1668201 | 2 | DECAL, Seat Deck |
| 9 | 1668202 | 1 | DECAL, <i>Simplicity</i> |
| 10 | 1668200 | 1 | DECAL, Dash, L.H. (1691030, 1691031, 1691175 & 1691238) |
| | 1677050 | 1 | DECAL, Dash, L.H. (1691095, 1691272) |
| 11 | 1656855 | 1 | DECAL, Mower Height |
| 12 | 1676922 | 1 | DECAL, Danger |
| 13 | | 1 | DECAL, OPEI (Not Serviced) |
| 14 | 1676921 | 1 | DECAL, Danger |
| 15 | 1676979 | 1 | DECAL, Drive Belts (Inside Hood) |
| | | | (1691030, 1691031, 1691095, 1691175, 1691238) |
| | 1700121 | 1 | DECAL, Drive Belts (Inside Hood) |
| | | | (1691272 only) |



| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 1 | 770071A | 1 | CASE, Transaxle |
| 2 | 778136 | 1 | GEAR, Spur (15 teeth) |
| 2A | 778145 | 1 | GEAR, Spur (12 teeth) |
| 3 | 778126A | 1 | GEAR, Spur (20 teeth) |
| 4 | 778127A | 1 | GEAR, Spur (25 teeth) |
| 5 | 778129A | 1 | GEAR, Spur (30 teeth) |
| 6 | 778121A | 1 | GEAR, Spur (20 teeth) |
| 7 | 778123A | 1 | GEAR, Spur (25 teeth) |
| 8 | 778124A | 1 | GEAR, Spur (30 teeth) |
| 9 | 778122A | 1 | GEAR, Spur (22 teeth) |
| 10 | 778128A | 1 | GEAR, Spur (28 teeth) |
| 11 | 778146A | 1 | GEAR, Spur (37 teeth) |
| 12 | 778137A | 1 | GEAR, Bevel (42 teeth) |
| 13 | 784266 | 1 | COLLAR, Shift |
| 14 | 786060 | 1 | SPROCKET (14 teeth) |
| 15 | 786061 | 1 | SPROCKET (10 teeth) |
| 16 | 776204 | 1 | SHAFT, Counter |
| 17 | 778113A | 1 | BEVEL PINION, Input |
| 18 | 786074 | 1 | SPACER |
| 19 | 778138 | 1 | PINION, Output |
| 20 | 778139 | 1 | GEAR, Output |
| 21 | 790003 | 1 | DISK, Brake |
| 22 | 792089A | 2 | KEY |
| 25 | 788040 | 1 | RING, Retaining |
| 26 | 780105A | 3 | BUSHING, Flanged |
| 27 | 780118A | 2 | BUSHING, Flanged |
| 28 | 786062 | 1 | CHAIN, Roller (No. 41 chain, 22 links) |
| 29 | 780072 | 4 | WASHER, Thrust |
| 30 | 780122 | 2 | BEARING, Needle |
| 31 | 790277 | 1 | BALL, Steel |
| 32 | 780109 | 1 | WASHER, Thrust |
| 33 | 792078 | 1 | SCREW, Set, 3/8-16 x 3/8 |
| 34 | 792079 | 1 | SPRING |
| 35 | 792073 | 17 | SCREW, Hex Hd., Thd. Form., 1/4-20 x 1-1/4 |
| 36 | 780108 | 5 | WASHER, Thrust |
| 37 | 780121 | 2 | BEARING, Ball |
| 38 | 780113 | 1 | WASHER, Flat |
| 39 | 780119 | 2 | BEARING, Ball |
| 41 | 788051 | 2 | SEAL, Square Cut |
| 42 | 788057 | 1 | SEAL, Square Cut |
| 43 | 780112 | 2 | BEARING, Needle |
| 44 | 780114 | 1 | WASHER, Flat |
| 46 | 788053 | 2 | SEAL, Square Cut |
| 47 | 772082 | 1 | COVER, Transaxle |
| 48 | 784290 | 1 | ROD & FORK ASSY., Shift |
| 49 | 776135 | 1 | SHAFT, Input |
| 50 | 776184A | 1 | SHAFT, Brake |

Reference Nos. 51 - 73 are found on the following page.

NOTE: See an authorized Tecumseh dealer for parts and service; Peerless parts are not available thru *Simplicity*.






| Ref. No. | Part No. | Qty. | Description |
|-------------|-------------|------|--|
| 51 | 790007 | 1 | PLATE, Brake Pad |
| 52 | 790006 | 2 | PAD, Brake |
| 53 | 786026 | 2 | PIN, Dowel |
| 54 | 792075 | 2 | LOCKNUT, 5/16-24 |
| 55 | 792076 | 1 | WASHER, Flat |
| 56 | 790019 | 1 | LEVER, Brake |
| 57 | 792073 | 1 | SCREW, Hex Hd. Thd., Form., 1/4-20 x 1-1/4 |
| 57A | 792084 | 1 | SCREW, Hex Hd., Thd., Form., 1/4-20 x 2-1/4 |
| 58 | 790025 | 1 | HOLDER, Brake Pad |
| 59 | 778053A | 1 | GEAR ASSY., Differential (Incl. 2 of No. 60) |
| 60 | 780064 | 2 | BUSHING |
| 60A | 780120 | 1 | BUSHING |
| 61 | 778132 | 2 | GEAR, Bevel |
| 62 | 778131 | 2 | PINION, Bevel |
| 63 | 786034 | 1 | PIN, Drive |
| 64 | 780065 | 2 | WASHER, Thrust |
| 65 | 792018 | 2 | RING, Retaining |
| 66 | 792040 | 1 | PIN, Roll |
| 67 | 780001 | 2 | WASHER, Thrust |
| 68 | 774517 | 1 | AXLE (15-1/2" long) |
| 69 | 774516 | 1 | AXLE (12-1/2" long) |
| 70 | 792035 | 1 | RING, Retaining |
| 72 | 786066 | 1 | SPACER |
| 73 | 786086 | 1 | BRACKET |

Reference Nos. 1-50 are found on the preceding page.

NOTE: See an authorized Tecumseh dealer for parts and service; Peerless parts are not available thru *Simplicity*.

**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE**
TOLERANCE $\pm 20\%$

| SIZE | SAE GRADE #2  | SAE GRADE #5  | SAE GRADE #8  |
|---------|---|--|---|
| 8-32 | 19 In. Lbs. | 30 In. Lbs. | 41 In. Lbs. |
| 8-36 | 20 " | 31 " | 43 " |
| 10-24 | 27 " | 43 " | 60 " |
| 10-32 | 31 " | 49 " | 68 " |
| 1/4-20 | 66 " | 8 Ft. Lbs | 12 Ft. Lbs. |
| 1/4-28 | 76 " | 10 " | 14 " |
| 5/16-18 | 11 Ft. Lbs | 17 " | 25 " |
| 5/16-24 | 12 " | 19 " | 25 " |
| 3/8-16 | 20 " | 30 " | 45 " |
| 3/8-24 | 23 " | 35 " | 50 " |
| 7/16-14 | 30 " | 50 " | 70 " |
| 7/16-20 | 35 " | 55 " | 80 " |
| 1/2-13 | 50 " | 75 " | 110 " |
| 1/2-20 | 55 " | 90 " | 120 " |
| 9/16-12 | 65 " | 110 " | 150 " |
| 9/16-18 | 75 " | 120 " | 170 " |
| 5/8-11 | 90 " | 150 " | 220 " |
| 5/8-18 | 100 " | 180 " | 240 " |
| 3/4-10 | 160 " | 260 " | 386 " |
| 3/4-16 | 180 " | 300 " | 420 " |
| 7/8-9 | 140 " | 400 " | 600 " |
| 7/8-14 | 155 " | 440 " | 660 " |
| 1-8 | 220 " | 580 " | 900 " |
| 1-12 | 240 " | 640 " | 1,000 " |

NOTE:

- These torque values are to be used for all *Simplicity* hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - For prevailing torque locknuts - use 65% of grade 5 torques.
 - For flange whizlock nuts (and screws) - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings all torque values must meet this specification.

BOLT HEAD MARKING

S.A.E. GRADE:

2 

5 

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SIMPLICITY MANUFACTURING, INC.
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